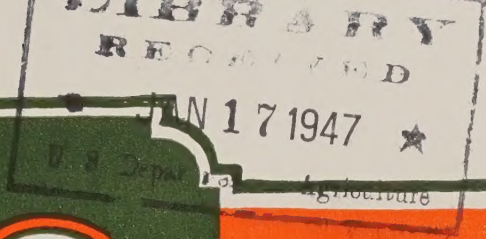


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

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SEEDS

"Nature's Best"

1947

Below is one of our fields of Grothen Globe Tomato. All our fields were dusted by airplane for the control of insects and diseases. You will note the exceptionally fine growth.

This fine strain of Tomato is produced on our own Farms for seed purposes only. Even Miss Abbott Jr. knows Tomatoes that are true to type.



ABBOTT & COBB

4744-46 Frankford Ave.

FRANKFORD, PHILADELPHIA 24, PA.

Phone: JEFFERSON 5-1907

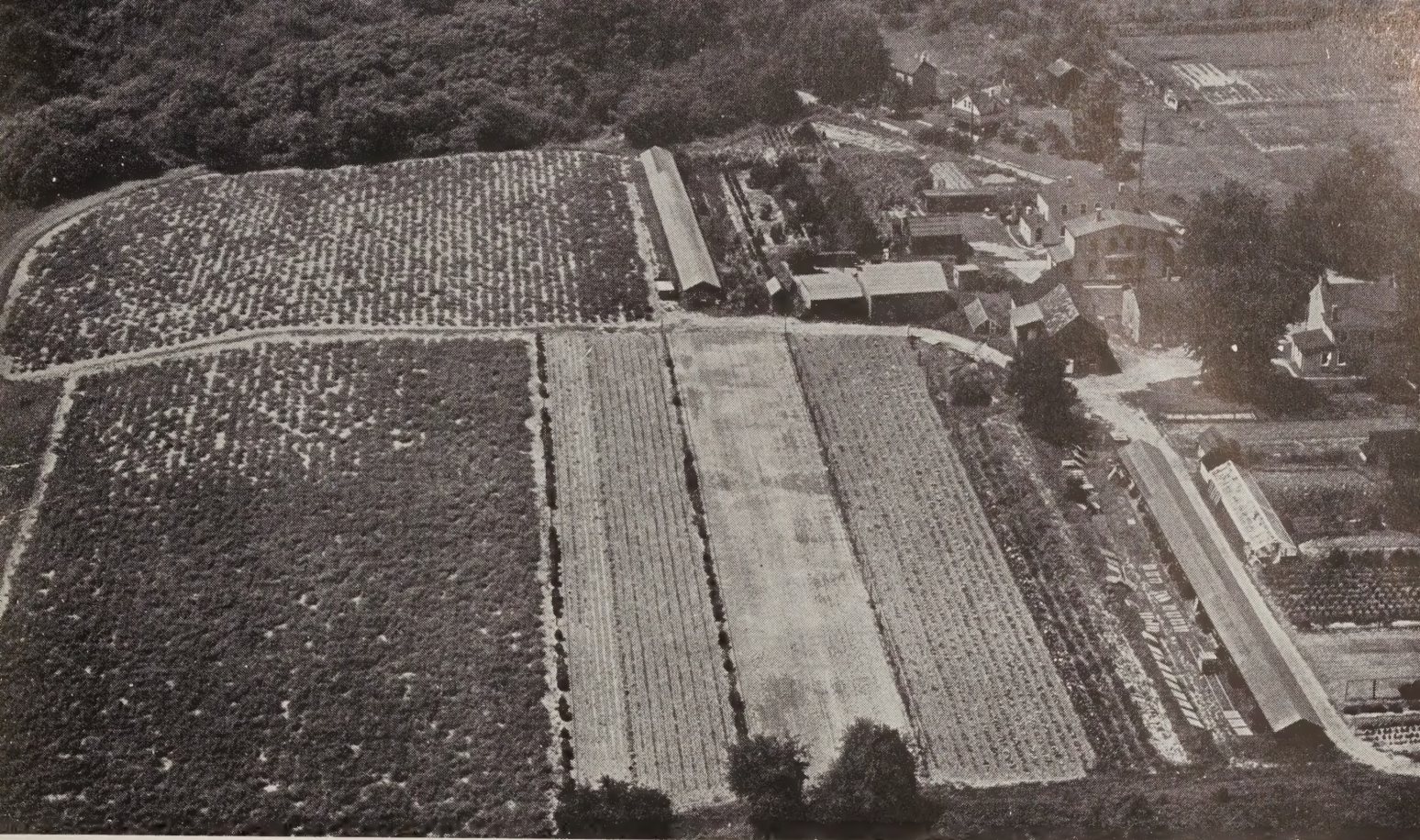
MARION MARKET CABBAGE

FOR FULL
DESCRIPTION
SEE PAGE 8

At the left is a packed hamper
of our special strain of Marion
Market Cabbage. Note the true-
ness to type.

Below is a very large field, on
our own Farms, of the same stock
not grown to full maturity and
for seed purposes.





ONE OF OUR FARMS AT BUSTLETON, PA.
Here we prove and make new stocks for the most critical trade

THIS NEW 1947 CATALOG

as is our custom, is offering a limited number of varieties of vegetable seeds. We prefer to do this and at the same time make a special effort toward keeping our stocks true and improving them wherever possible. We spare no time or expense in producing stock seed that will produce the best for critical commercial growers. We believe our prices are reasonable and in line with seeds of the highest quality.

Our 1947 catalog will give you the correct description of the items we list, also a great many illustrations of our specials. If there is additional information needed relative to our different strains, we will be only too glad to furnish it if you will write us.

We have just finished making a new stock of Boston Marrow Squash. The field scene and

illustration on page 34 will give you an idea of the crop and the correct shape, but in our opinion something else enters into the different types of Boston Marrow Squash—and that is the color. Ours is the finest very deep red color that it is possible to make. Some of this Squash has been canned, and the processors declared it to be the finest ever offered.

The other special we suggest is Rutabaga, Purple-Top Yellow Globe, a strain selected and produced on our own farms. In it you have a stock that will hold its shape even when it attains the limit in size.

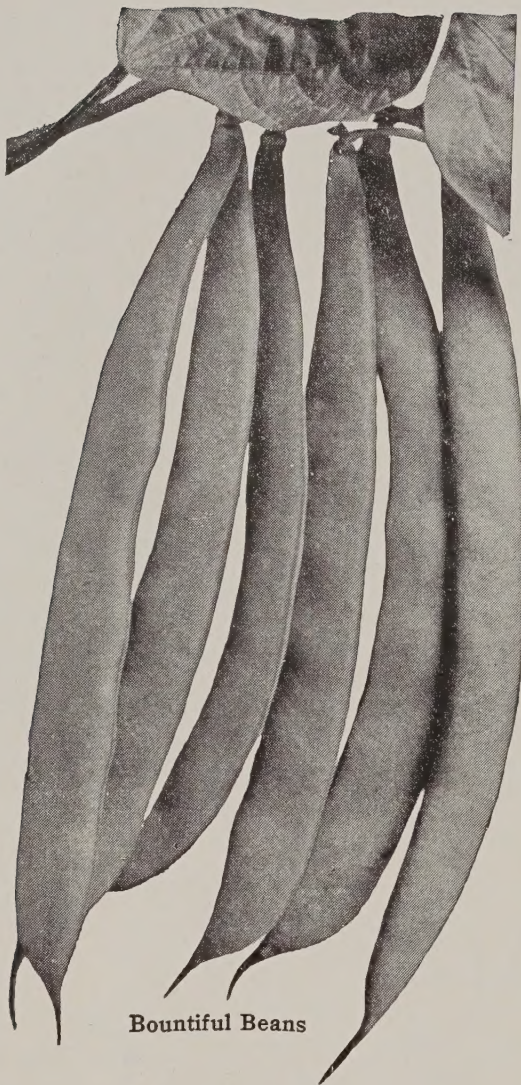
An illustration will be found on the third cover showing the especially large crop we produced this year for seed purposes.

FOR OTHER ABBOTT & COBB SPECIALTIES, SEE ORDER SHEET

SPECIAL NOTICE. When ordering seed by mail, be careful to give your Name, Post Office, County, State, and Express Office, that your order may go forward without delay. We will pay the postage on seeds forwarded by Parcel Post up to 20 pounds, except Peas and Beans. Any amount over 20 pounds, f.o.b. Philadelphia.

TERMS OF GUARANTEE. We give no warranty, express or implied, as to the productiveness of any seeds, bulbs, or plants we sell and we will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seed.

ABBOTT & COBB



Bountiful Beans

ASPARAGUS

GIANT GREEN. An exceedingly fine strain, the seeds having been selected from the largest stalks in the field. Color is light green. The tops remain solid or closed longer than most varieties of Asparagus. We can highly recommend this seed for commercial purposes. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50; 10 lbs. \$14.

WASHINGTON. (Reselected.) Very productive, new, rust-resistant strain, selected by the United States Department of Agriculture, and of extra-fine quality. Rich dark green stalks tinted darker at the tips. Will grow faster and cut earlier than any other variety. Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.75; lb. \$4.50; 10 lbs. \$43.50.

COLUMBIA MAMMOTH WHITE. Shoots of largest size and clear white. Most popular white variety. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1; 10 lbs. \$8.50.

ASPARAGUS ROOTS

We can supply strong one and two-year-old roots of the following varieties:

	100	1,000
Giant Green.....	\$1 00	\$6 00
Washington.....	1 50	10 00
Washington, Giant Roots.....	2 00	15 00

We can supply some very fine Asparagus Roots of Mary Washington grown on our own farms from extra-fancy stock selections at \$15 per 1,000.

Green-Podded Beans

GIANT STRINGLESS. Very productive, long, round-podded sort, maturing a trifle later than Red Valentine. Absolutely stringless. Pkt. 10 cts.; lb. 40 cts.; 10 lbs. \$3; 100 lbs. \$25.

RED VALENTINE. Earliest Bean of all, maturing in 6 to 7 weeks after planting. Pods are round and of medium length. Pkt. 10 cts.; lb. 40 cts.; 10 lbs. \$3; 100 lbs. \$25.

BLACK VALENTINE STRINGLESS. Hardest and most productive green-podded Bean grown; strong, vigorous bush. Pods are oval shaped, very long, making a fine appearance. The season is a trifle longer than that of Red Valentine. Pkt. 10 cts.; lb. 40 cts.; 10 lbs. \$3; 100 lbs. \$25.

BOUNTIFUL. A very popular sort with the shipper because it is a prolific producer of flat and absolutely stringless pods of exceedingly fine quality. Pkt. 10 cts.; lb. 40 cts.; 10 lbs. \$3; 100 lbs. \$25.

WAX-PODDED BEANS

PENCIL-POD WAX. A very popular Bean because of its unusually good quality. It is of superior flavor, very brittle, exceedingly tender, and absolutely stringless. Its productiveness, early maturity, and rust-resistant qualities have made it a great favorite. Pkt. 10 cts.; lb. 40 cts.; 10 lbs. \$3; 100 lbs. \$25.

CURRIE'S RUSTPROOF. One of the earliest and most popular of the Wax or yellow Beans. Pods flat, sometimes 6 to 7 inches long. Pkt. 10 cts.; lb. 40 cts.; 10 lbs. \$3; 100 lbs. \$25.

SURE-CROP STRINGLESS WAX. This is one of the best flat, wax-podded sorts we know of, and a good, thrifty grower, producing an abundance of Beans 6 to 7 inches long. It is a sort that will fill the measure quickly and is rather easy to pick. This variety is not any more susceptible to rust than any other stock. We recommend it highly for commercial and home-garden use. Pkt. 10 cts.; lb. 40 cts.; 10 lbs. \$3; 100 lbs. \$25.

WARDWELL'S KIDNEY WAX. An old favorite. Long, straight, broad, brittle, almost stringless, light golden pods, borne in unusually large quantities. Good Bean for market. Pkt. 10 cts.; lb. 40 cts.; 10 lbs. \$3; 100 lbs. \$25.

SOUP BEANS

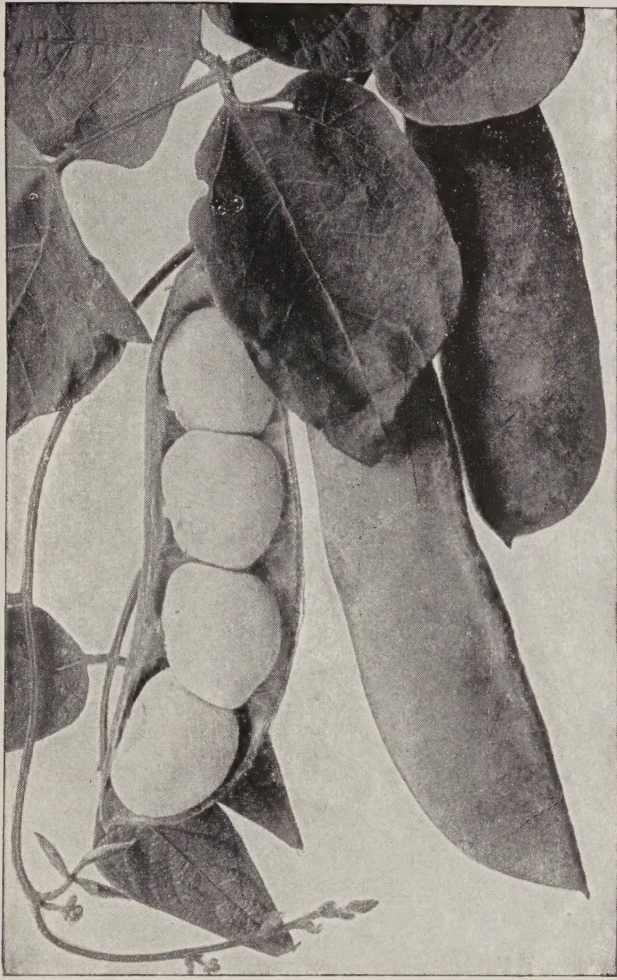
WHITE MARROWFAT. Heavy producer of large, oval-shaped white Beans. A great favorite for baking or soup. Pkt. 10 cts.; lb. 40 cts.; 10 lbs. \$3; 100 lbs. \$25.

WHITE KIDNEY. Tall, erect plants bearing an abundance of large, showy pods filled with kidney-shaped, white Beans that do not discolor when cooked. A popular dry Shell Bean. We recommend growing these Beans in soil that is not too rich in order that the vines will stand erect, thus eliminating rusted or spotted Beans when they are harvested. Pkt. 10 cts.; lb. 40 cts.; 10 lbs. \$3; 100 lbs. \$25.

BROCCOLI

RAAB. This is a variety that should be planted as early as possible in the spring. It is used principally for early market greens. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25; 10 lbs. \$11.00.

ABBOTT & COBB
Philadelphia, Pa.



Fordhook Bush Lima Beans

LIMA BEANS

FORDHOOK BUSH. The heaviest-cropping Bush Lima. It is ready to pick at least 2 weeks before the Pole Limas, bearing a prolific crop of good-sized pods, each with 3 to 5 large, thick, meaty Beans of excellent quality. Pkt. 10 cts.; lb. 50 cts.; 10 lbs. \$4; 100 lbs. \$27.

FORD'S MAMMOTH (POLE). Probably the largest-podded Lima Bean. They are very dark green, about 6 inches long, flat, and contain 4 or 5 Beans of fine quality in a pod. Pkt. 10 cts.; lb. 50 cts.; 10 lbs. \$4; 100 lbs. \$27.

KING OF THE GARDEN (POLE). So attractive that they usually bring better prices than most flat-podded Limas. It is the strongest-growing, most productive of the large Limas. Pods are 5 to 6 inches long, each with 4 or 5 large, flat Beans. Two vines to each pole are enough. Pkt. 10 cts.; lb. 50 cts.; 10 lbs. \$4; 100 lbs. \$27.

DREER'S IMPROVED (POLE). A vigorous grower, freely producing very thick pods about 4 inches long, containing from 3 to 5 large, thick, and fine quality Beans. Later in maturing than most Lima Beans. Pkt. 10 cts.; lb. 50 cts.; 10 lbs. \$4; 100 lbs. \$27.

BEETS

Bastian's Half-Long

We have been working for some time to get a first-class stock of this variety. The roots are dark red, very smooth and uniform in shape, running a trifle longer than most stocks of this variety. The quality of this Beet is also very fine, retaining its tenderness longer than most varieties. Tops are rather heavy, making a fine, robust appearance while growing. This Beet is grown principally in and around Philadelphia County for winter or storage purposes.

Pkt. 10 cts.; oz. 15 cts.; 1/4lb. 40 cts.; lb. \$1.50; 10 lbs. \$14

EARLY WONDER. An early-maturing variety with globe-shaped roots, dark flesh, and tops of medium size. A fine second-early or later variety for bunching. Pkt. 10 cts.; oz. 15 cts.; 1/4lb. 50 cts.; lb. \$1.75; 10 lbs. \$16.50.

EARLY ECLIPSE. A favorite second-early, following Crosby's Egyptian. Globe-shaped root; small tap-root. Good for storing in trenches. Pkt. 10 cts.; oz. 15 cts.; 1/4lb. 40 cts.; lb. \$1.25; 10 lbs. \$11.

EARLY LENTZ. One of the very best early Beets we know. Grown and selected by a Bucks County market gardener under our direction. He has gone to much trouble and expense to grow the finest stock for us; it can be relied upon to be absolutely true to type. Color rather light; quality excellent; top rather heavy. Pkt. 10 cts.; oz. 15 cts.; 1/4lb. 40 cts.; lb. \$1.50; 10 lbs. \$14.



Bastian's Half-Long Beet



Crosby's Egyptian (Special) Beets

Beet, Crosby's Egyptian (Special)

For critical growers, we recommend this stock highly. It is extra early, dark red, with a medium-sized top, making it a fine variety for coldframes and outside use. We have not found another Beet that will equal this for bunching throughout the entire season. The fact that it does not crack under trying conditions is really important for bunching purposes. It has a fine globe shape. **Pkt. 10 cts.; oz. 15 cts.; 1/4lb. 45 cts.; lb. \$1.50; 10 lbs. \$14.**

MODEL RED GLOBE. Similar to Eclipse, but a trifle later. Perfect globe shape, of uniform size, rich crimson color, and a fine and sweet flavor. Fine midseason variety. **Pkt. 10 cts.; oz. 15 cts.; 1/4lb. 40 cts.; lb. \$1.25; 10 lbs. \$11.**

Herbs

THYME, BROAD-LEAF ENGLISH. Best variety known. Plant grows upright, making it easier to cut. Hardy. **Pkt. 10 cts.; oz. 50 cts.; 1/4lb. \$1.75; lb. \$6.**

SUMMER SAVORY. **Pkt. 10 cts.; oz. 35 cts.; 1/4lb. \$1.25; lb. \$4.**

SWEET MARJORAM. **Pkt. 10 cts.; oz. 35 cts.; 1/4lb. \$1.25; lb. \$4.**

DILL. **Pkt. 10 cts.; oz. 15 cts.; 1/4lb. 35 cts.; lb. \$1; 10 lbs. \$8.50.**

FENNEL, FLORENCE. **Pkt. 10 cts.; oz. 20 cts.; 1/4lb. 50 cts.; lb. \$1.50; 10 lbs. \$14.**

ABBOTT & COBB
Philadelphia, Pa.



New Early Beets

Beet, New Early

An extremely early variety maturing at the same time as the Early Flat Egyptian but positively globe-shaped, dark in color, with a small top. We have made this special strain of Beet ourselves, and know that it is giving the best of results after four years with the market gardeners. For those producing Beets under glass, we cannot recommend this too highly. The stock is true. We do not recommend it for summer use, unless there is irrigation, as the tops are apt to be too small in dry weather. You should include this in your next spring's crop.

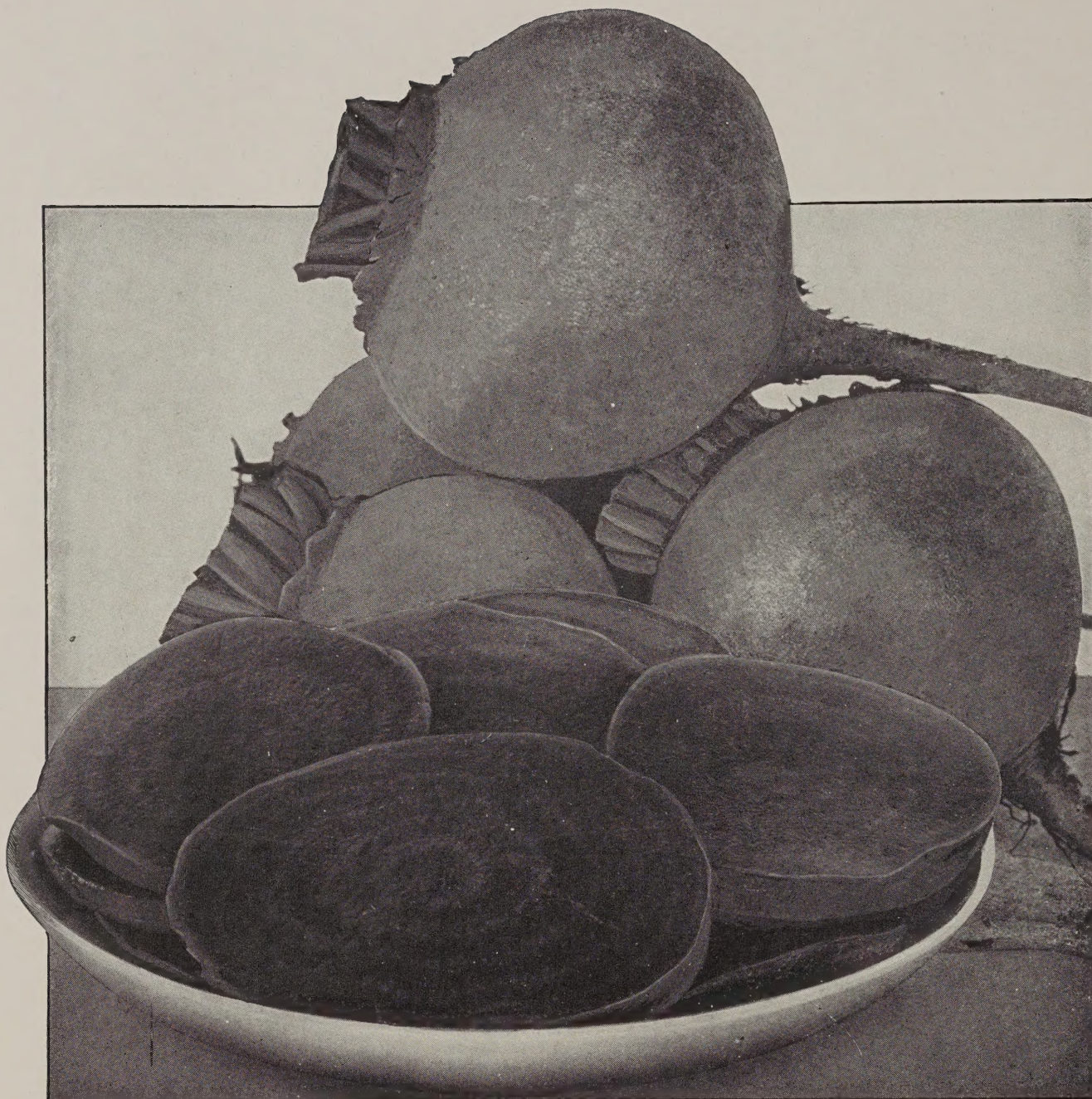
Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50; 10 lbs. \$14.

Mangel Beet for Stock-Feeding

LONG RED. This mammoth-yielding variety produces its roots largely above ground, making them easy to harvest. A desirable cow-feed to increase milk-flow. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 75 cts.; 10 lbs. \$6.50.

GOLDEN TANKARD. Roots are very large; flesh yellow, zoned with white. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 75 cts.; 10 lbs. \$6.50.

CHIRK CASTLE. Very large, long, red variety, somewhat sweeter than Mammoth Long Red. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 75 cts.; 10 lbs. \$6.50.



Our new strain of Detroit Dark Red Beets

Beet, Detroit Dark Red (Late)

In this particular strain we are offering something exceptionally fine. Cannerys throughout the country are reporting this variety to be the finest they have ever seen for that purpose. The tops are rather small. This is very necessary.

We have gone to the trouble of having a few put through the canning process, and the illustration shows the exceptionally fine color and type. For the market gardener who is figuring on hunching Beets, it has also proved to be worth while, the color and shape satisfying the particular buyer.

Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50; 10 lbs. \$14.

Beet, Detroit Dark Red (Large Top)

Here is a new stock of Detroit Beet which we made especially for market gardeners wishing a large top. The stock is true, with a fine globe-shaped root; outer skin dark; inside flesh very dark. This root will hold its shape better than most varieties of Detroit when it is subject to hard soil or adverse weather conditions.

Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50; 10 lbs. \$14.

ABBOTT & COBB
Philadelphia, Pa.



Above is a partial view of our greenhouse where germination tests are made. Each bench is specially equipped with heat to suit any variety of seed planted. Some seeds need more heat than others, so we sow them according to the heat supply that is available from beneath the benches. We prefer to use this method after experimenting for several years, as it is possible for us to determine the vitality of any seed by using this method. It is much easier to use the machine method but we prefer to put extra work on this important "testing of seeds." 300 or 400 seeds are used, according to variety. The benches are made up of 1 inch of stable manure on the bottom or base, to attract and hold heat, then 2 inches of virgin soil is used, rather rough, and finally 1 inch of sieved soil. A key or check is used for each variety of seed planted. The key must be one that has been tested and proved to be 80%. Abbott Jr. is experienced and is responsible for all germination tests.



Green Italian Broccoli

Green Italian Broccoli

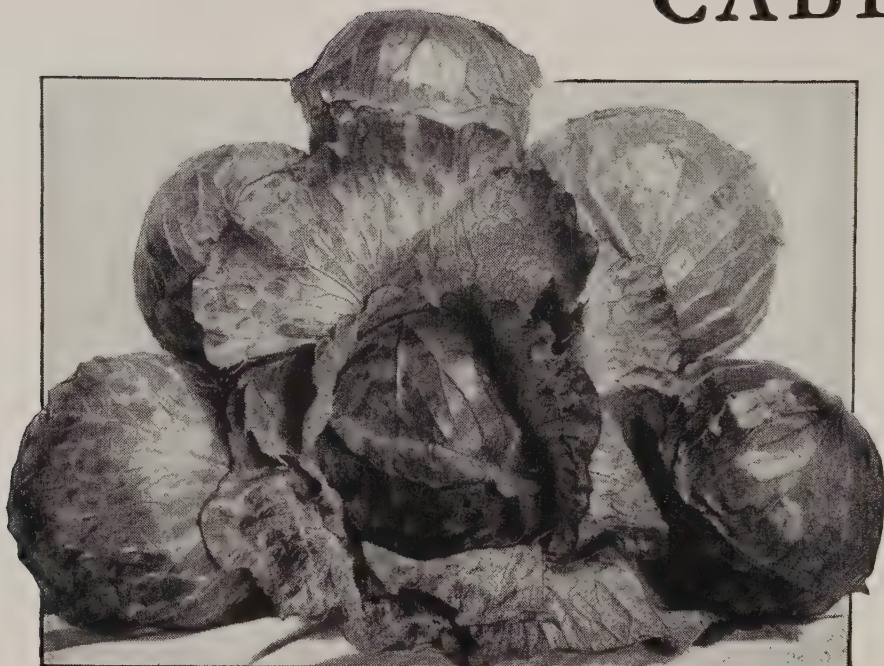
(Calabrese)

The variety we offer is the sprouting type, growing, in most cases, about 3 feet.

The plant has a sort of branching habit. As soon as a sprout is cut from a branch, another immediately forms and matures very quickly.

The strain that we are offering is the dark green, robust type, and we have succeeded in keeping our stock true. Pkt. 10 cts.; oz. 50 cts.; 1/4 lb. \$1.75; lb. \$6; 10 lbs. \$55.

CABBAGE



Mammoth Red Rock Cabbage grown on our trial-grounds

Mammoth Red Rock

(Fall or Winter Cabbage.)
Very large, round, solid head. This variety is fine for cole slaw, as the color gives it a fine appearance. Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.75; lb. \$5; 10 lbs. \$45.

Copenhagen Market

An early round-headed variety which is in a class by itself.

Heads very solid, often weighing 10 pounds. About as early as Charleston Wakefield. Sow the seed in February for early use, as the fall-sown plants are apt to run to seed in the spring.

Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4; 10 lbs. \$37.50

Enkhuizen Glory

Excellent, medium-early, short-stemmed, foreign variety. The large, round heads are very solid, with few outer leaves. One of the most uniform and desirable varieties, suitable alike for garden or field-culture.

Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4; 10 lbs. \$37.50

Golden Acre Special

We wondered whether it was possible to make a perfect stock of Cabbage. We believe we have done so in this selected strain. It has the same earliness as our regular Golden Acre, the round-head sort—just an extra-selection of Golden Acre.

Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.75; lb. \$6; 10 lbs. \$57.50

Marion Market

A yellows-resistant strain of Copenhagen Market Cabbage (but about 10 days later). It has proved very dependable and popular with the market gardeners. Heads are firm, round, slightly larger than Copenhagen Market.

Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4; 10 lbs. \$37.50

Early Jersey Wakefield

The most popular early Cabbage. The pointed heads are of medium size, solid, and of excellent quality. They are hardy, resist frosts, and mature in 100 days.

Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4; 10 lbs. \$37.50

ABBOTT & COBB
Philadelphia, Pa.

CABBAGE

Charleston or Large Wakefield

A week later than Early Jersey Wakefield. Heads are larger, just as solid, but not quite so pointed. Good variety to follow the Early Jersey Wakefield.

Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4; 10 lbs. \$37.50

Golden Acre

A very valuable first-early, round-head sort. This variety is known throughout the country as the best for early spring use. The heads are very solid, leaves very similar to Copenhagen but not so large a head. Our trials show it to mature 10 days earlier than the Copenhagen Market.

Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4; 10 lbs. \$37.50

Danish Ballhead (Extra-selected Short Stem)

(Fall or Winter Cabbage.) About the same size as our regular stock of Ballhead and about the same time for maturity. We have really selected this to the limit and are sure the stock will please the most critical.

Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.75; lb. \$6; 10 lbs. \$57.50

Drumhead Savoy—Fall or Winter Cabbage

Here is a type of Drumhead Savoy which we have produced on our own farms, according to the ideas of several critical growers wishing a large type of Cabbage. If it is grown to full size, twelve heads will fill a barrel. The strain is exceptionally true.

Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.75; lb. \$6; 10 lbs. \$57.50

Large field of Drumhead Savoy Cabbage growing on our own Farms for seed together with a fully matured head. You will note that we try not to grow the Cabbage to full maturity for seed purposes.





A fancy package of Chinese Cabbage, Chihili grown from Abbott & Cobb Seed

EARLY SUMMER CABBAGE

SUCCESSION. Large, solid, flat heads which will stand a long time before marketing. A fine second-early variety. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4; 10 lbs. \$37.50.

LAUDERBACK'S ALL-YEAR-ROUND. An old standard variety originated by one of our market gardeners several years ago. Excellent for summer or fall. A robust grower, producing a fine rather flat head. Excellent for sauerkraut. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4; 10 lbs. \$37.50.

FALL OR WINTER CABBAGE

LATE FLAT DUTCH. One of the best late winter Cabbages. Very large, oval-shaped heads of good quality that keep well. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4; 10 lbs. \$37.50.

DANISH BALLHEAD. A medium-sized, very solid-heading, popular variety for winter use. Grown principally by our New York growers for shipping. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4; 10 lbs. \$37.50.

HARD-HEADING SAVOY. (Special.) An exceptionally hard strain to produce true. This also is grown under our own care and direction. It is a somewhat smaller type than the Drum-head Savoy, meeting all the requirements that are necessary to produce a fine crop. Heads are round and well crimped. This strain is now used in a large way commercially for fall or winter use. Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.75; lb. \$6; 10 lbs. \$57.50.

CHINESE CABBAGE WONG BOK. Large, tender heads; eat like lettuce or boil as cabbage. Sow the seed August 1. Seed sown in spring is rarely successful. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4; 10 lbs. \$35.

CHINESE CABBAGE, CHIHILI. Long, solid white, cylindrical head, about 2 feet in height. Leaves very broad, fringed on edge, with broad white midrib. Our strain is unsurpassed. This delicious vegetable is in great demand wherever it is known and is a profitable market specialty. We recommend it highly. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4; 10 lbs. \$37.50.

WISCONSIN HOLLANDER (Yellows-resistant). Very similar to Ballhead. Splendid late Cabbage for storage, shipping, or kraut. Heads are large, globular to flattened globe shape, very firm, of excellent quality, and keep well until spring. Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$5; 10 lbs. \$45.

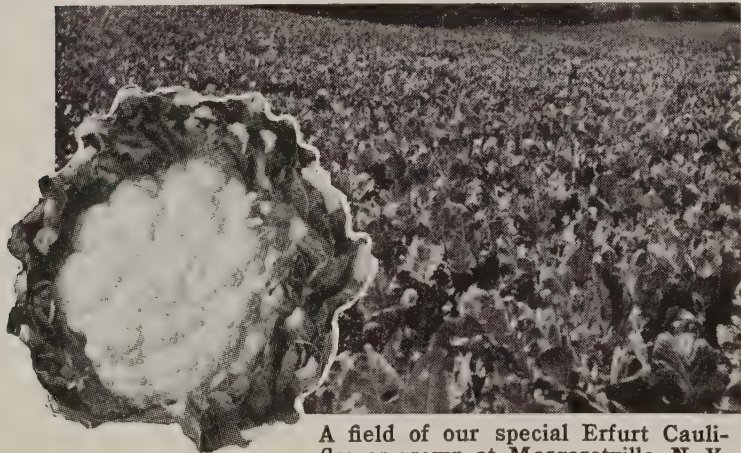
Swiss Chard

GIANT LUCULLUS. Thus is a variety of Beet grown exclusively for its large, tender leaves which are cooked the same as spinach; the midribs are sometimes served like asparagus, making delicious "greens." Cut 4 inches above the ground, the plants will produce another large crop of leaves; can be cut repeatedly. Valuable crop for poultry-feed. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25; 10 lbs. \$11.

LARGE GREEN WHITE-RIBBED. The best-selling sort on the market. A big improvement over the Lucullus varieties, having a much better flavor and the leaf is green but not so curly. Commercial growers claim this will outsell any other variety. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25; 10 lbs. \$11.

Cauliflower

ERFURT. Extra selected for depth of head. Curd exceptionally fine. Foliage strong enough to protect it from sun or cold weather. An extra-fine stock for particular growers of Cauliflower. Pkt. 25 cts.; oz. \$3; $\frac{1}{4}$ lb. \$11; lb. \$40.



A field of our special Erfurt Cauliflower grown at Margaretville, N. Y.

IMPROVED SNOWBALL. A decided improvement over Snowball. It has a deeper head, fine curd, is a trifle heavier and has much darker green foliage. Robust stock, having enough vitality to resist unfavorable conditions. Just as early as our regular stock of Early Snowball, but a trifle larger. Pkt. 25 cts.; oz. \$3; $\frac{1}{4}$ lb. \$11; lb. \$40.

EARLY SNOWBALL. Deep, solid heads of medium size, pure white, and of excellent quality. Ideal for the home-garden; very best early for the market-grower. Foliage heavy enough to protect it from hot sun and fairly heavy frost. Pkt. 25 cts.; oz. \$2.25; $\frac{1}{4}$ lb. \$8; lb. \$30.

AUTUMN GIANT. An enormous late sort; leaves very large and hardy. Pkt. 25 cts.; oz. \$2.25; $\frac{1}{4}$ lb. \$8; lb. \$30.

ABBOTT & COBB
Philadelphia, Pa.



A large field of our extra-selected Red Core Chantenay Carrot, together with a packed bushel grown in Florida by John Eick.

Chantenay Carrots

An excellent stump-rooted sort of fine orange color, with medium-sized top and a small neck. This stock is very uniform, averaging from 2 to 4 inches thick at the shoulder and 5 to 6 inches in length. The flesh is fine-grained, crisp, and tender. We have developed this strain so that the color will run practically the same throughout, and have eliminated a certain amount of the core. An ideal sort for bunching.

Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$1.80;
10 lbs. \$17

New Nantes Carrots

Well-shaped, uniform roots 6 to 7 inches long, about $1\frac{1}{4}$ inches thick, perfectly cylindrical and abruptly stump-rooted at lower end, practically coreless. Color orange-scarlet; tender and sweet. Top heavier than stocks of ordinary Nantes.

Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 70 cts.; lb. \$2.50;
10 lbs. \$24



A bunch of New Nantes Carrots grown on our own farms. Note smoothness, length, and fine color.

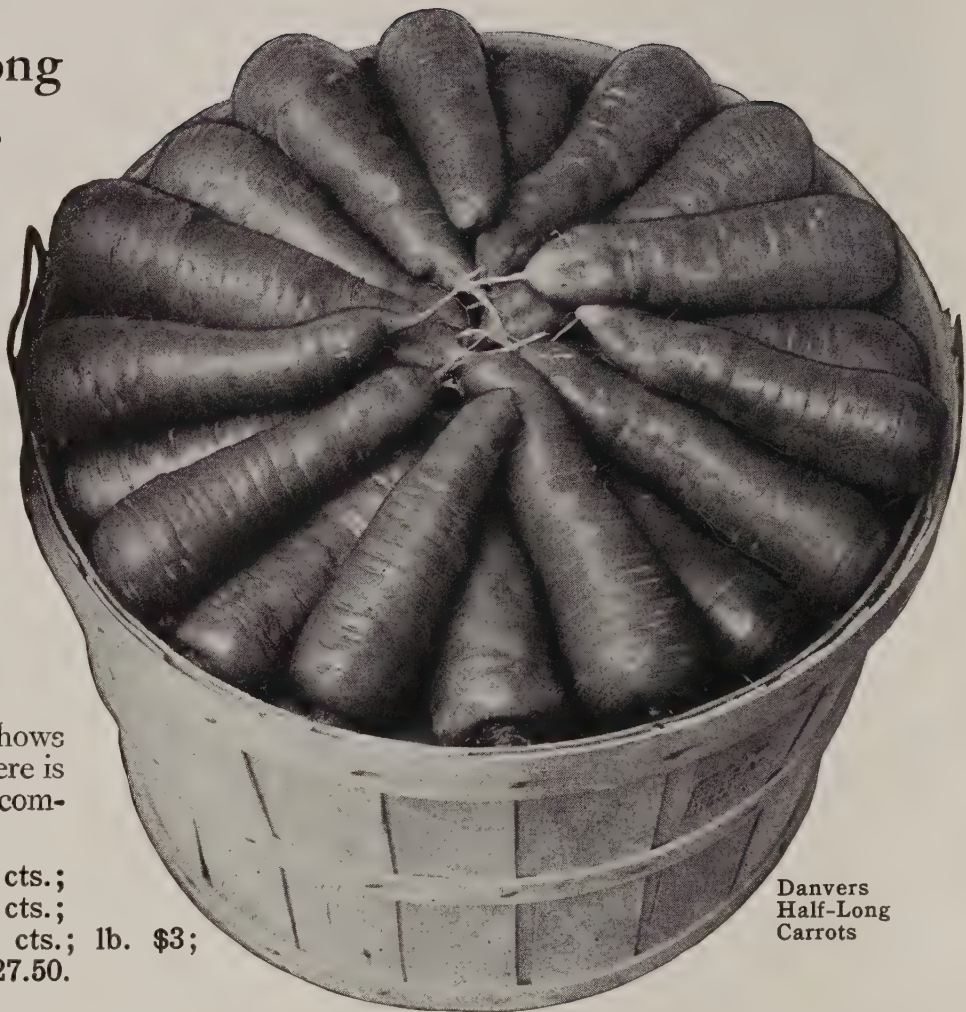
Danvers Half-Long

(Special) Carrots

The growers say that this is what they call a real stock of Danvers Half-Long. It will average $1\frac{1}{2}$ inches longer than Chantenay, with not quite so blunt a point, and rich, orange-colored skin.

We have also developed this stock to run a fine orange color throughout and have eliminated, as much as possible, the green core which is found in so many types of Carrot. This is a strain you need not be afraid to exhibit at vegetable shows where there is plenty of competition.

Pkt. 10 cts.;
oz. 25 cts.;
 $\frac{1}{4}$ lb. 85 cts.; lb. \$3;
10 lbs. \$27.50.



Danvers
Half-Long
Carrots

New Bunching Carrot

Here's something new in bunching Carrots. The top is short but heavy. Various growers have been demanding, for the past three or four years, a long pointed-root type of Carrot with a small top for bunching purposes. We are now ready to offer this. The length is 7 inches. Color red; inside core red.

Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3; 10 lbs. \$27.50

NEW MARKET

A variety that is classed with the Intermediate types. It averages 8 inches in length, with a slightly blunt point and medium-heavy top. Flesh is exceptionally rich orange color, with small core. This makes a fine bunching Carrot for those who have good, deep loose soil.

Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$1.80; 10 lbs. \$17

RED-CORE CHANTENAY

Uniform red-cored roots measuring 6 inches in length and $2\frac{1}{4}$ inches thick, tapering gradually but abruptly; stump-rooted. Fine grain, tender and sweet.

Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$1.80; 10 lbs. \$17

RUBICON HALF-LONG

A stump-rooted variety somewhat longer than the Chantenay, with deep orange color.

Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$1.80; 10 lbs. \$17



New
Bunch-
ing
Carrot

ABBOTT & COBB
Philadelphia, Pa.



A 6-acre block of Celery grown by Fulmer Brothers, Bustleton Avenue, Phila., Pa. Also a bunch of three. Note the uniformity in the field and the stoutness of the individual stalks.



Full-Heart Easy-Blanching Celery

Here's another stock of Celery which we have made and developed for the market gardener, and believe it is suiting every Celery grower who is figuring on trenching Celery. The ribs are more round than the general run of Easy-blanching stocks, producing as much heart as is possible to grow. The height is about 20 inches. When blanched, it is a light golden color. The roundness and brittleness of the ribs make this what you might call "real quality."

Pkt. 25 cts.; oz. \$2; 1/4lb. \$7; lb. \$25

ABBOTT & COBB
Philadelphia, Pa.

A Few of the Extra Fancy Brands of Celery *Grown from Abbott & Cobb Seed in Florida*

EARLY
FORTUNE



EARLY FORTUNE

SPECIAL NO. 763

SPECIAL
NO. 763

IMPROVED
PASCAL





One of our fields of Early Fortune, showing just how Celery seed is produced. You will note that a stake is driven alongside each plant; as the plant develops to its full height, it is tied to the stake to prevent whipping or thrashing by high winds after the seed is mature. This is quite an expensive operation but we use great care in producing these special strains of Celery that we offer. The fields are dusted regularly every ten days to prevent blight.

Celery

WINTER KING

The best winter variety to store in trenches, and should be ready to market just after Christmas. Produces exceedingly full-hearted, very green, stout stalks of unusually good keeping qualities.

Pkt. 10 cts.; oz. 50 cts.; 1/4lb. \$1.75; lb. \$6

Green Cross

An entirely new strain of the long-keeping green variety. It has about the same style stalks as our Full-Heart Easy-Blanching but is much harder to blanch. It is full-hearted, similar to the Full-Heart listed herein. Height about 16 inches. Very stout stalks. An extra long-keeping variety. We recommend this to those wishing to trench Celery for very late blanching.

Pkt. 20 cts.; oz. \$1.25; 1/4lb. \$4; lb. \$15.

COLUMBIA

Finest eating Celery to be had. The ribs are round, very solid, and it grows a very stout, light green stalk.

Pkt. 10 cts.; oz. 50 cts.; 1/4lb. \$1.75; lb. \$6

Golden Self-Blanching (Special)

In this we are offering a well-selected and true type. The ribs are more or less round, to safeguard against softness for storage purposes. It is a trifle more green than the Golden No. 14, and has given the best satisfaction.

Pkt. 25 cts.; oz. \$1; 1/4lb. \$3.50; lb. \$12; 10 lbs. \$110

ABBOTT & COBB
Philadelphia, Pa.

Celery, Golden No. 14

No one else has had a hand in developing this extra-fine strain of Celery, and we have spent considerable money in seeing to it that the stock has been kept true to the original. We do not know of any type or stock of Celery that has been more of a favorite than this No. 14 for the general or late crop. Florida, New York, Indiana, Ohio, Michigan, and California are demanding more and more each year. We have selected it for a long, round rib and plenty of heart. This, we have learned from critical buyers, is really essential. The heart is a light golden color, with not a green tint in a single stalk. It will mature a little earlier than our Golden Self-blanching Special and will blanch a trifle quicker, due to the extra-fancy selection. The keeping qualities for storage are excellent.

Pkt. 25 cts.; oz. \$1.50; 1/4lb. \$5.50; lb. \$20

Easy-Blanching (Special)

One of the best Celeries for early or late use. The very stout and handsome stalks are more resistant to disease than any other variety on the market. Its keeping qualities are excellent for an Easy-blanching type of Celery. When placed in a trench, this type should be ready to market soon after Christmas. This is another of the special strains of Celery that we have grown on our own farms. It has been a real favorite among the market gardeners for several years.

Pkt. 25 cts.; oz. \$1.50; 1/4lb. \$5.50; lb. \$20

EARLY FORTUNE (Improved Golden)

This stock of Celery is in exactly the same family as our Special No. 763, and we worked on this on exactly the same lines. The only difference is that the rib is medium length instead of the longer rib found in No. 763. To those wishing a medium rib, we suggest this stock for storage. The seed is grown on our own farms and is given the best possible care.

Pkt. 25 cts.; oz. \$1.50; 1/4lb. \$5.50; lb. \$20; 10 lbs. \$190.

SPECIAL No. 763

This variety came from our Early Fortune. It is a long-rib sort with a rich golden heart. In making the rib longer, we have been able to get a good, uniform strain of Celery. The vitality is exceptionally strong, having a cross of green. This is now grown in all Celery sections of the United States and Canada and has become a leader.

Pkt. 25 cts.; oz. \$1.50; 1/4lb. \$5.50; lb. \$20; 10 lbs. \$190

IMPROVED PASCAL

We have developed, on our own farms, a type of Pascal for which most growers have been looking. The usual run of Pascal is without heart. This stock is not as full-hearted as some varieties of Celery but is a great improvement over the original Pascal type. The height is medium, with round solid ribs dark green in color; somewhat blight-resistant.

Pkt. 25 cts.; oz. \$1.50; 1/4lb. \$5.50; lb. \$20

A. & C. Sweetheart

Very similar in shape to our Full-Heart variety, and the finest quality yet produced. It is easy-blanching and we recommend it to growers wishing to blanch green Celery in the row with dirt or boards. It is more or less dwarf in habit, with round, solid ribs and an abundance of heart. The plume is a rich golden color.

This type has also proved to be of value for cold-storage purposes. It should be given a little time in the field to blanch and be sure to get the heart well up in the stalk before placing it in cold storage.

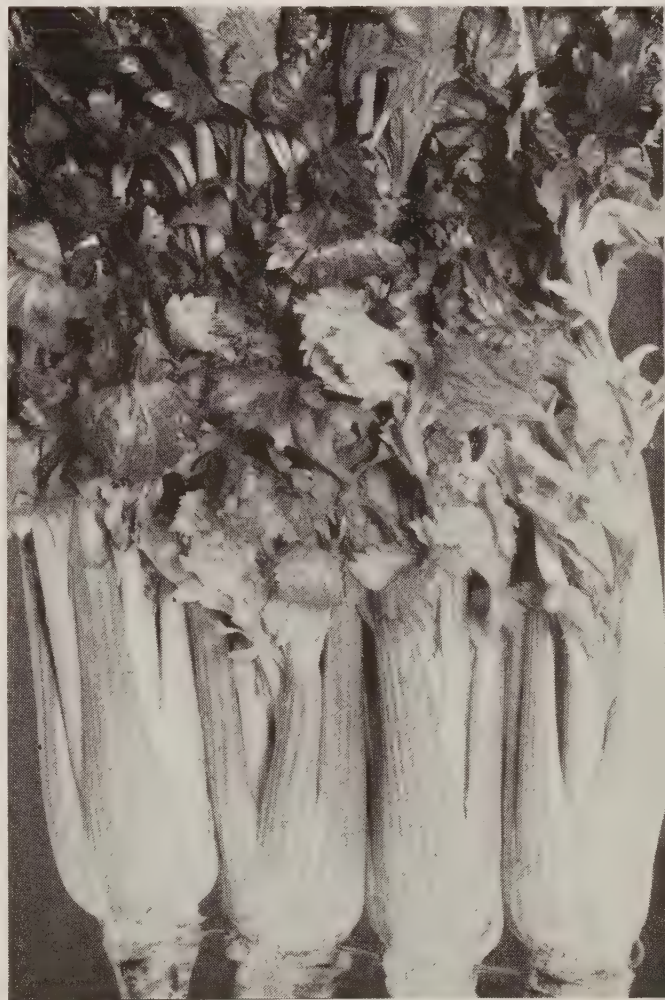
We recommend it also for trenching, but it will not keep as well for this purpose as Full-Heart Easy-blanching.

Pkt. 25 cts.; oz. \$2; 1/4lb. \$7; lb. \$25

EASY-BLANCHING PASCAL

We are now offering a type of Pascal Celery that will blanch easier and much quicker than our Improved Pascal. This is more golden in color, ribs 10 inches long, round and smooth, more heart than the usual run of Pascal Celery.

Pkt. 25 cts.; oz. \$2; 1/4lb. \$7; lb. \$25



Sweetheart Celery grown on our trial-grounds

Celeriac

GIANT PRAGUE (Special). A very large-bulbed Celeriac. We have improved this strain sufficiently to offer something excellent in this line. Most stocks of Celeriac are apt to grow too large a top with small roots. We have reversed this and can offer you large bulbs with only medium-sized tops. The root is apple-shaped. Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.75; lb. \$6.

Corn Salad

Used both as a salad and pot-herb. A cool-season crop, maturing in 6 to 8 weeks. Plant in early spring; also in late summer for fall crop.

LARGE-SEEDED BROAD-LEAF. Leaves large and broad. Best variety to grow under glass. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.

Chicory

WITLOOF (French Endive). This grows in a solid, oblong head and blanches ivory-white. When lifting, cut whole head with part of the roots to hold the leaves together. It is the choicest of all the winter salads, and is used to such an extent in this country that much of it is imported. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1; lb. \$3.50; 10 lbs. \$34.

LARGE-ROOTED, or COMMON. This variety is cultivated principally for the roots, which, when matured, are dried and ground. It is a substitute for coffee, and is used sometimes for flavoring the latter. The roots can be boiled and served like salsify. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 65 cts.; lb. \$2; 10 lbs. \$19.

Collards

GEORGIA, SOUTHERN, or CREOLE. This is the white- or green-stemmed variety, growing 2 to 3 feet high and forming a large, loose, open head or cluster of leaves with a rather long stem. A frost, if not too severe, will improve rather than injure the quality of the leaves. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1; 10 lbs. \$9.



Improved Leaming Corn



Giant
Prague
(Special)
Celeriac

FIELD CORN

IMPROVED LEAMING. A high-yielding Corn, maturing in 120 days. One of the best varieties for silage as well as for husking. Pkt. 10 cts.; lb. 25 cts.; pk. (14 lbs.) \$1.25; bus. (56 lbs.) \$4.

100-DAY BRISTOL. Grown under immediate direction, this 100-day Corn will grow large crops with 16 rows of large, broad, deep kernels on a small cob. Cannot supply.

WHITE ENSILAGE. For tonnage, this is the best ensilage Corn. A very vigorous grower, having unusually heavy foliage, with large, tender stalks that the cattle will relish. Cannot supply.

Horse-Radish Roots

The old standard variety; Philadelphia grown. Fine, strong sets. \$1 per 100; \$7 per 1,000. If wanted by mail, add 10 cts. per 100 for postage.

Dandelion

IMPROVED BROAD-LEAF. This is considered the best Dandelion by many growers. It is very early, producing a bigger crop of large, broad, thick leaves than most varieties, and is especially good for under glass. Pkt. 10 cts.; oz. 45 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$5.50.

ABBOTT & COBB
Philadelphia, Pa.



Above is a photograph of a large field of Golden Cross Bantam on our farms, together with a packed bushel which shows the fine quality

Sweet Corn

ABBOTT & COBB'S EARLY. This variety is acclimated, being one of our originations and grown in Bucks County, Pennsylvania. It is one of the early types of genuine Sweet Corn, with medium-sized stalks, 60 per cent of which will produce two ears. The quality of the large, 14-rowed ears is excellent and the grains are of medium size. A special drying process insures the best of germinating power to the seed. Pkt. 10 cts.; lb. 45 cts.; 10 lbs. \$4; 100 lbs. \$30.

HOWLING MOB. Undoubtedly the finest medium-early Corn. Ears are larger and a trifle later than the Abbott & Cobb's Early. The seed we offer has been grown by a farmer in Bucks County and is absolutely true to type. Pkt. 10 cts.; lb. 45 cts.; 10 lbs. \$3.50; 100 lbs. \$25.

KENDEL'S EARLY GIANT. A very popular, large, second-early variety, about a week later than Howling Mob. The ears are very thick and about 8 inches long, with real sweet flavor. Pkt. 10 cts.; lb. 45 cts.; 10 lbs. \$3.50; 100 lbs. \$25.

GOLDEN CROSS BANTAM. A variety maturing about 10 days later than the standard Golden Bantam, with ears double the size and much deeper grains more resistant to diseases. Produces a strong stalk about 6 feet tall, able to stand adverse weather. This new hybrid is very popular with home gardeners. Pkt. 10 cts.; lb. 50 cts.; 10 lbs. \$4.75; 100 lbs. \$45.

STOWELL'S EVERGREEN. The leading main-crop Corn for home use, market, and canning. Our stock has been grown and selected on a Bucks County farm under our direct supervision and thoroughly dried by a natural process. It will produce large, uniform-sized ears of fine quality. The grains are of medium size and slender. Pkt. 10 cts.; lb. 45 cts.; 10 lbs. \$3.50; 100 lbs. \$25.

GOLDEN BANTAM. The favorite Corn in the small garden because of its deliciously sweet kernels. The stalks grow from 4 to 5 feet high, producing a good-sized golden ear. The color is very often misleading to those who do not know this variety, but a trial will convince anyone that the quality is excellent. Pkt. 10 cts.; lb. 45 cts.; 10 lbs. \$3.50; 100 lbs. \$25.

COUNTRY GENTLEMAN. A favorite main-crop variety requiring rich ground. Has a small cob with tender, medium-sized, deep kernels of an unusually high quality. Pkt. 10 cts.; lb. 45 cts.; 10 lbs. \$3.50; 100 lbs. \$25.

IOANA. Developed at the Iowa Agricultural Experiment Station as a large-eared, main-crop canner's hybrid. It shows more heat and drought tolerance than Golden Cross Bantam. The ears are 7 to 8 inches long, very uniform, cylindrical with rounded tip, 12 to 16 rowed. The kernels are light yellow and of fine quality and flavor. Pkt. 10 cts.; lb. 50 cts.; 10 lbs. \$4.75; 100 lbs. \$45.

ABBOTT & COBB
Philadelphia, Pa.

Endive

LARGE GREEN CURLED WHITE-RIBBED. This is a variety used for tying purposes which is exceptionally large but does not have as much heart as our Deep-heart variety. When blanched, the ribs are pure white, and during its growth it never shows a particle of pinkness. An exceptionally fine strain. Pkt. 10 cts.; oz. 25 cts.; 1/4lb. 65 cts.; lb. \$2; 10 lbs. \$17.50.

GREEN CURLED DEEP-HEART WHITE-RIBBED. In this we are offering a green curled, very deep-hearted sort, large in size, white-ribbed. It is very compact and will blanch while growing, eliminating the tying for blanching purposes. It is a new sort that if handled and grown correctly will often outclass any of the older types of green curled Endive. **Crop Failed.**

FLORIDA DEEP-HEART (Escarolle). The leaves are very broad, somewhat rounded at the end, forming an exceptionally large and much deeper heart than the ordinary type of Escarolle. Pkt. 10 cts.; oz. 20 cts.; 1/4lb. 55 cts.; lb. \$1.75; 10 lbs. \$16.50.

MAMMOTH GREEN CURLED or OYSTER. Very large, curly plants, which, when bleached, are light yellow with a meaty flavor. Pkt. 10 cts.; oz. 15 cts.; 1/4lb. 40 cts.; lb. \$1.25; 10 lbs. \$11.50.

BROAD-LEAF (Full-Heart). Leaves are broad, thick, slightly wrinkled, and easily blanched. The best of the broad-leaf type. Pkt. 10 cts.; oz. 15 cts.; 1/4lb. 40 cts.; lb. \$1.25; 10 lbs. \$11.50.



Florida
Deep-Heart
Endive

Photographed on half-bushel measure, showing comparative size.

Eggplant

BLACK BEAUTY. Finest of all. Fruit is large, handsome, and of glossy black color; very early and productive. Pkt. 10 cts.; oz. 60 cts.; 1/4lb. \$2, lb. \$7.

FLORIDA HIGH-BUSH. The plants are large and erect, bearing most of the fruits off the ground. Very productive. Pkt. 10 cts.; oz. 60 cts.; 1/4lb. \$2, lb. \$7.

Leek

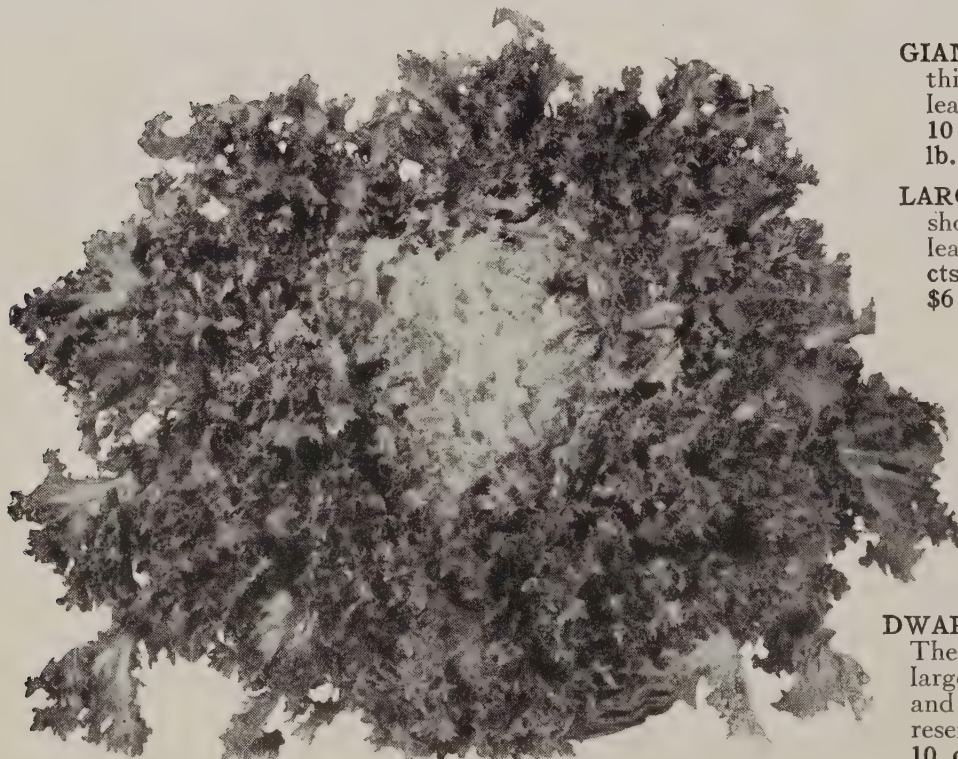
GIANT ITALIAN. Very large, short, thick stems with broad, dark green leaves. Extremely hardy. Pkt. 10 cts.; oz. 50 cts.; 1/4lb. \$1.75; lb. \$6; 10 lbs. \$55.

LARGE MUSSELBURGH. Stems short, very thick; broad, dark leaves; very mild flavor. Pkt. 10 cts.; oz. 50 cts.; 1/4lb. \$1.75; lb. \$6; 10 lbs. \$55.

Kale

IMPERIAL LONG-STANDING. The leaves are dark green and very curly. This stock is used for early spring sowing. Pkt. 10 cts.; oz. 15 cts.; 1/4lb. 50 cts.; lb. \$1.60; 10 lbs. \$15.

DWARF BLUE CURLED SCOTCH. The plant is low and compact, with large, bright blue leaves, curled, cut, and crimped so that the whole plant resembles a bunch of moss. Pkt. 10 cts.; oz. 20 cts.; 1/4lb. 60 cts.; lb. \$2; 10 lbs. \$19.



Green Curled Deep-Heart White-Ribbed Endive

ABBOTT & COBB
Philadelphia, Pa.



**Early Short-Leaf White
Kohlrabi**

Kohlrabi

A quick-growing, "turnip-rooted" cabbage. Use when half grown (the bulbs 2 to 2½ inches in diameter). Make sowings every 10 days to insure succession.

EARLY SHORT-LEAF WHITE

An extremely early variety with very small tops, which permit planting very closely. It is the best for forcing or outdoor use. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25; lb. \$4; 10 lbs. \$39.

WHITE VIENNA. A very popular white variety with few small leaves, white skin, and tender, delicate flesh. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25; lb. \$4; 10 lbs. \$39.

Lettuce

ICEBERG No. 127

This is an entirely new strain of Iceberg Lettuce, our own selection. In comparison to No. 44 which was one of the latest improvements on Iceberg, this new No. 127 is one week earlier, not quite as large but large enough for any package. It is more resistant to tip-burn and Lettuce diseases than anything yet offered. You certainly should use this for the coming season. Pkt. 10 cts.; oz. 30 cts.; ¼lb. \$1; lb. \$3.40; 10 lbs. \$33.

GREAT LAKES

A new Michigan College development of New York Imperial type. This will really stand up and produce hard heads in warm weather. The heads are large, deep green, of good size, with thick crisp leaves. Remains in condition long after forming head. Resistant to tip-burn. Unsurpassed for upland. Pkt. 10 cts.; oz. 50 cts.; ¼lb. \$1.75; lb. \$6; 10 lbs. \$55.

IMPERIAL No. 456

An exceptionally fine strain of the Imperial type of Lettuce developed by Cornell University. Since its introduction, this strain has proved to be worth while on upland and muckland. Approximately 10 days earlier than the Great Lakes type, and will produce a very firm head; outer leaves are dark green resistant to tip-burn.

Pkt. 10 cts.; oz. 50 cts.; ¼lb. \$1.75; lb. \$6; 10 lbs. \$55

Below are a few of our Imperial types of Iceberg Lettuce trials





ABCO Lettuce

ABCO LETTUCE

Here is a type of Lettuce that we have selected out of our special stock of White Big Boston. What we have done is select the smaller ones with a smooth, thick leaf. These we have noted, are rather rugged, will stand more sun, and mature about 5 days earlier, making one of the hardest heads we have ever seen in Lettuce. Coming out of the White Boston type, they do not show any redness in cool or even frosty weather. It is plenty large enough to pack two dozen in a standard Lettuce crate. We recommend this for early spring or fall use, under glass or outside. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50; 10 lbs. \$22.50.

NEW YORK or WONDERFUL No. 728

Here's another new development of recent years. One of the best points about this particular strain is its blight-resistant qualities. A slow grower, making heavy, firm heads that remain in good condition several weeks. Outer leaves dark green, inner blanch pure white. This is an extra-selected strain of New York or Wonderful and has always given fine results. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.75; 10 lbs. \$25.

ABBOTT & COBBS SPECIAL BIG BOSTON

We have gone to great trouble and expense to produce the very best strain of this desirable variety. By careful test it has proved the best out of thirty different strains. The leaves are thick and dark green producing very solid white heads. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75; 10 lbs. \$16.50.

ALL-SEASONS. Very dark green leaves, forming a very large, compact head, but does not head well during July and August. A fine strain for spring and fall use. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 65 cts.; lb. \$2; 10 lbs. \$17.50.

IMPERIAL NO. 847. (Black-seeded.) A strain recently developed in California and adapted to New York, New England, and eastern soil and climate. Resembles other Iceberg types. Stands heat well. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1; lb. \$3.40; 10 lbs. \$33.

IMPERIAL NO. 44. This is a type of Iceberg Lettuce developed by Cornell University that seems to be very adaptable to the eastern climate and soil. Our stock is true and develops large, very solid heads, somewhat free from blight. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1; lb. \$3.40; 10 lbs. \$33.

SALAMANDER. One of the most desirable for all-season growing, producing very solid and tender heads of excellent quality at all seasons. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50; 10 lbs. \$12.50.

ALLHEART. Resembles Salamander in appearance but the heads are not quite so large. It is the best hot-weather Lettuce that we know, having withstood repeated tests on hot, hard soil. This is one of our specials. It is the strain unsurpassed. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50; 10 lbs. \$12.50.

ABBOTT & COBB
Philadelphia, Pa.

Lettuce

BLACK-SEEDED SIMPSON. One of the old, most reliable, and productive loose-leaf varieties. The nearly white, very large, thin, curly, very tender leaves are of very good quality, remaining in fine condition for some time. Pkt. 10 cts.; oz. 20 cts.; 1/4lb. 65 cts.; lb. \$2.10; 10 lbs. \$20.

DARK COS. In this Cos we are offering something new. We have developed it with the idea in mind that it would withstand heat and bad weather conditions. Our experiments have proved it to be far superior in this respect. The leaves are dark green with a self-folding head. Height is about 15 inches. We believe this to be a very valuable commercial type, and will gladly furnish a liberal sample of seed to those who have not already tried it. Pkt. 10 cts.; oz. 15 cts.; 1/4lb. 50 cts.; lb. \$1.75; 10 lbs. \$16.50.

ROMAINE or COS. This is the largest variety of green Cos Lettuce that grows. It has an upright, quick-growing habit, and a solid, very crisp head of fine flavor that bleaches as it grows. It is not so apt to blast as some of the light-colored strains, therefore more sure to make a crop. Pkt. 10 cts.; oz. 15 cts.; 1/4lb. 50 cts.; lb. \$1.75; 10 lbs. \$16.50.

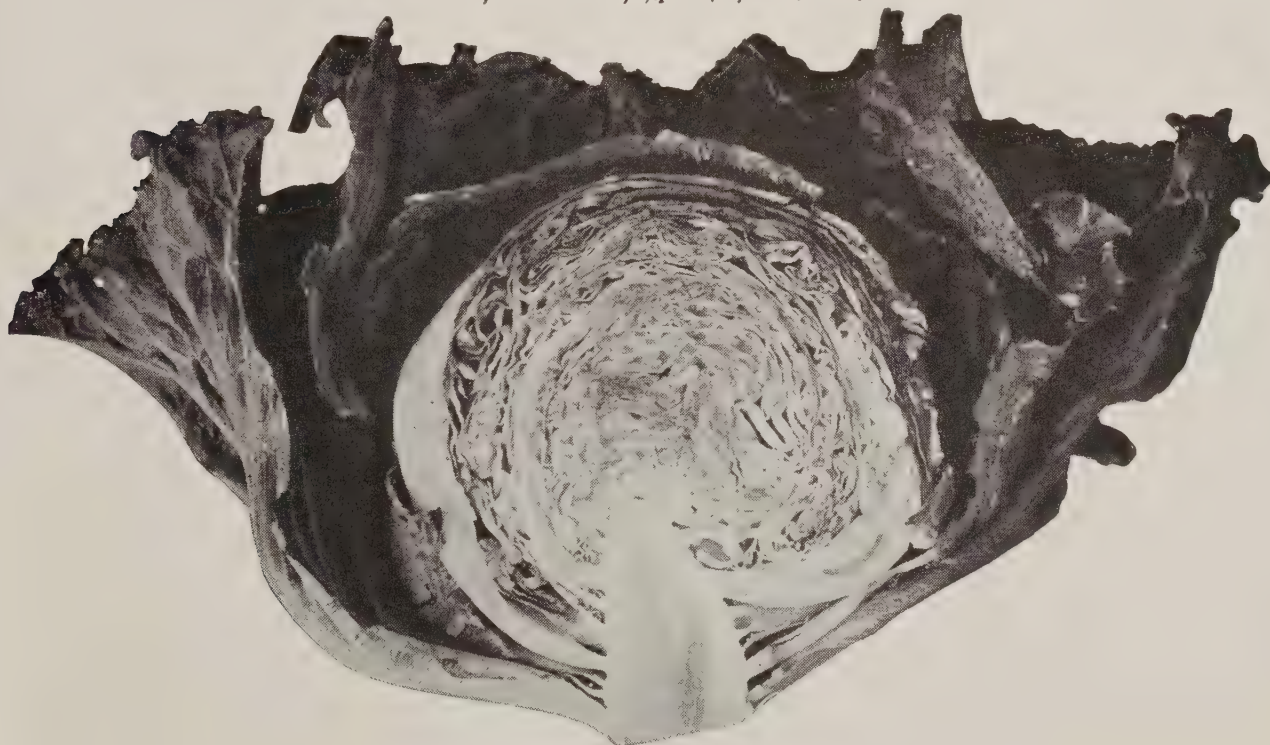


Romaine or Cos Lettuce

White Big Boston (Special) Lettuce

For several years we have been producing and selling an exceptionally fine strain of white Big Boston. We developed the stock ourselves, making sure that the frame and head were large enough. It resembles Big Boston in appearance. The leaves are a trifle smoother than most varieties of Big Boston, and do not turn red in cool or cold weather. The head and frame are just as large as any Big Boston; the stock is true. The fact that it does not turn red in cool weather makes it a most valuable shipper, for it often brings a premium over the Big Boston type. We recommend it highly for growing under coldframes, first planting or drilling in the spring and for all fall plantings.

Pkt. 10 cts.; oz. 35 cts.; 1/4lb. \$1; lb. \$3.40; 10 lbs. \$32.50



Imperial No. 44 Lettuce. Note the solidness and uniformity

MELONS

Abbott & Cobb Muskmelon

Another variety of merit, originated and grown on our own farms. We have developed an unusually strong vine and, this season, saw it produce a wonderful crop under the most adverse weather conditions which we have ever experienced. It is very productive, bearing fruit with a very thick, firm, dark pink flesh. The netting is not as pronounced as in some other varieties. The quality is far above the average. Average weight, $3\frac{1}{2}$ lbs. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 70 cts.; lb. \$2.50; 10 lbs. \$24.00.

HEARTS OF GOLD or HOODOO

A new, orange-fleshed variety, ideal as a shipping melon and of the very finest quality. Vine vigorous, remarkably blight-resisting, and very productive. Fruit of medium and very uniform size. Flesh thick, firm, highly colored, of fine texture and delicious flavor.

Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75; 10 lbs. \$16.50

ROCKY FORD

The most desirable green-fleshed melon and unexcelled for spiciness and sweetness. Our stock is the improved blight-resistant type of Rocky Ford. Its shipping qualities are fine. Light green flesh with small seed-cavity and extra-fine flavor. A very popular variety and always scarce and in heavy demand.

Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75; 10 lbs. \$16.50

FORDHOOK

Best early, deep-fleshed, pink melons, with a most delicious flavor. Somewhat flat in shape, well netted, the sectors showing plainly.

Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75; 10 lbs. \$16.50

HONEY DEW

This new and deliciously flavored melon has met with instant public favor. It is the very finest melon grown today because of its extraordinary sweetness. Fruit very large; rind smooth and cream-colored. The light green flesh is very thick, and unsurpassed in quality and richness of flavor, crisp texture, and unrivaled sweetness.

Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75; 10 lbs. \$16.50

HALE'S BEST No. 936

The finest Hale's Best strain yet developed. Melons run uniform in size, average 12 pack flat, have heavy, solid net showing practically no stripe or rib; extra small seed-cavity in comparison to other Hale's Best varieties. Flesh deep pink color. Vines very prolific.

Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2; 10 lbs. \$18.50

Watermelon

TOM WATSON

An important commercial variety. Similar in size and shape to Kleckley Sweets, but larger, often weighing 25 to 30 pounds and often 24 inches long. Prolific, producing delicious fruits in great abundance; of uniform size. Very solid rind; flesh heavy and sweet.

Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2; 10 lbs. \$18.50

KLECKLEY SWEETS

The sweetest Watermelon and one of the easiest to grow. About 18 to 20 inches long, 12 inches in diameter, and filled with the juiciest, sweetest flesh imaginable. The dark green rind is thin, breaking easily in shipping. Widely grown for home and local markets.

Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2; 10 lbs. \$18.50

Mustard

FORDHOOK FANCY. The dark green leaves of this variety are more curled on the edges than any other sort, making most attractive greens. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25; 10 lbs. \$11.50.



A very fine sample of Brigham Strain Michigan Globe Onion grown by Joseph Morabito, Oswego, N. Y.



A bumper crop of Onions grown by E. C. Clements, Fairton, N. J., from Abbott & Cobb Ebenezer Sets

Onions

SOUTHPORT WHITE GLOBE. Large, pure white Onion. Skin is silvery white; flesh pure white and of fine flavor. Fine to grow for green bunch. Onions. Pkt. 10 cts.; oz. 50 cts.; 1/4lb. \$1.50; lb. \$5; 10 lbs. \$45.

MOUNTAIN DANVERS. A real globe-shaped, early Onion, maturing two weeks earlier than Yellow Globe Danvers, with flesh of about the same color. We have known this Onion to produce 850 bushels to an acre. Pkt. 10 cts.; oz. 35 cts.; 1/4lb. \$1.25; lb. \$4; 10 lbs. \$38.50.

SOUTHPORT YELLOW GLOBE. The largest and handsomest yellow Onion. Exceedingly productive later main-crop sort, growing a uniform, rich golden-colored, globe-shaped bulb. Known to produce as high as 900 bushels per acre. Pkt. 10 cts.; oz. 35 cts.; 1/4lb. \$1.25; lb. \$4; 10 lbs. \$38.50.

MAMMOTH YELLOW PRIZETAKER. Every small grower knows this Onion and its qualities; it is unsurpassed. By sowing early in coldframes, and transplanting in the open ground, 4 to 5 inches apart, 4-inch Onions may be grown. Pkt. 10 cts.; oz. 35 cts.; 1/4lb. \$1.25; lb. \$4; 10 lbs. \$38.50.

EBENEZER. Early, medium-sized, flat-shaped Onions of good quality, straw-colored skin, and fine keeping qualities. Best for sets. Pkt. 10 cts.; oz. 35 cts.; 1/4lb. \$1.25; lb. \$4; 10 lbs. \$38.50.

YELLOW GLOBE DANVERS. Somewhat flatter than the Southport strain, with light, crisp, and mild flesh. A very productive, medium early sort, fine keeper, and excellent shipper. Pkt. 10 cts.; oz. 35 cts.; 1/4lb. \$1.25; lb. \$4; 10 lbs. \$38.50.

MICHIGAN GLOBE. An exceptionally strong-growing variety, maturing about same time as Southport Yellow Globe. A trifle more flat than that variety and a little higher than Yellow Globe Danvers; somewhat resistant to disease. We highly recommend our strain. Pkt. 10 cts.; oz. 35 cts.; 1/4lb. \$1.25; lb. \$4; 10 lbs. \$38.50.

WHITE SILVERSKIN. Flattened bulbs with clear white skin and mild flesh. Grown principally for sets and small pickling Onions; is the best white sort for this purpose. Pkt. 10 cts.; oz. 50 cts.; 1/4lb. \$1.50; lb. \$5; 10 lbs. \$45.

Onions Sets

	Write for prices on large quantities			
	1/2lb.	Lb.	8 lbs.	32 lbs.
White Silverskin.	\$0 20	\$0 35	\$1 85	\$5 50
Yellow Dutch.	20	35	1 85	5 50
Ebenezer	15	30	1 75	5 25



Ebenezer Onion Sets grown on our farms. These are of exceptional quality

ABBOTT & COBB
Philadelphia, Pa.

Abco
TRADE MARK REG. U.S. PAT. OFF.

CUCUMBER

Below is Abbott Jr.'s selection of stock seed for the new Cucumber Abco. Note correct shape. These are grown to full maturity. Bottom left, one bushel of Cucumbers packed for shipping.



A GAIN, we are offering a new stock of Cucumber. In comparison to the famous A. & C., this Cucumber will mature approximately six days earlier than the A. & C., is about ten inches in length, oval shape at both ends, extra dark green color, holding its color well on to full size; strong, robust vine.

This has proved itself to be a very valuable type of Cucumber for commercial growers although it has only been offered in a small way this past season. This year, due to adverse weather conditions, our crop of seed is very short. However, we suggest that you order immediately and give this stock of Cucumber a real test this coming season.

Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.;
lb. \$2.50



A. & C. CUCUMBER

A large field of A. & C. Cucumber grown by King Farms, Morrisville, Penna., together with a packed bushel

A. & C. CUCUMBER

We are the originators of this stock of Cucumber. It is not a renamed variety nor an old variety remodeled. We have spent six years in developing this extraordinary strain and have been able to place small quantities of seed for test with various critical Cucumber growers. In every case they report that it is the finest they have ever seen. The vine, in a good stock of Cucumber, must be robust and resistant to diseases. We have settled this question and made it according to our own ideas. These vines will produce an abundance of Cucumbers 10 inches long, not quite as thick as a great many other stocks, and that will hold their greenness longer than any type we have ever handled. The time of maturity is 60 days. We are proud of this fancy strain of Cucumber and suggest making it a point, this coming season, to give it a good trial. Our supply of this seed for the next three years will be limited on account of the great demand and the limited amount of stock seed available.

Pkt. 10 cts.; oz. 20 cts.; 1/4lb. 60 cts.; lb. \$2.25; 10 lbs. \$21.50

WHITE SPINE. An extra dark green, white-spine variety of fine shape and appearance. Season is about the same as Arlington. Pkt. 10 cts.; oz. 20 cts.; 1/4lb. 60 cts.; lb. \$1.75; 10 lbs. \$16.50.

LONG GREEN. Fine, long, dark green sort for pickling or shipping purposes. Vines vigorous and very productive. Pkt. 10 cts.; oz. 20 cts.; 1/4lb. 60 cts.; lb. \$1.75; 10 lbs. \$16.50.

EARLY FORTUNE. A very early, dark green, prolific variety with fruit averaging about 8 inches long. Pkt. 10 cts.; oz. 20 cts.; 1/4lb. 60 cts.; lb. \$1.75; 10 lbs. \$16.50.

ABBOTT & COBB
Philadelphia, Pa.



Above is a field of our New No. 10 Parsnip grown on our own farms, together with a bushel of stock roots. Note color, shape, and hollow crown.

Parsnip, New No. 10

We have taken a few roots of our Philadelphia Hollow-Crown Parsnip and developed them into what we call a No. 10 strain. We do not see where anything more can be done to this fine strain to make it better. The seed is grown on our farms, and we use every care and precaution to make this the best type of Parsnip ever put out. It is necessary, we believe, to have just as small a core as possible in Parsnips. This eliminates a certain amount of toughness when cooked. We cannot recommend this too highly.

Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75; 10 lbs. \$16.50

Hollow-Crown

Philadelphia County has always been noted for some extra selections of Hollow-Crown Parsnips. We have taken hold of these special strains and developed them into what we believe to be a real genuine sort, medium length and smooth, that is, very few fibers. The color is the whitest that is possible to produce. We grow our own stock seed of this sort and would recommend using it if you wish to produce a fancy package of Parsnips.

Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.; 10 lbs. \$8.50

Parsnip, All-American

This is an extra-fancy selection of the All-American Parsnip grown on our own farms, very suitable for upland purposes. It is a somewhat stronger grower than the No. 10 variety. The roots are approximately 3 inches longer, wedge shape. You will note by the illustration the smooth white appearance, also the deep hollow crown. We suggest using this special strain this coming season.

Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75; 10 lbs. \$16.50.

Parsnip,
All-American



Parsley

DARK NITE

Here is something new which we are offering in the way of Parsley. About the same height as our Market Gardeners' and just as much curl. The cross we have made between Market Gardeners' and Summer Green, which is exceptionally dark, gives this strain of Parsley an unusually green appearance. Early spring or summer crop will not show up quite as dark as it should be, but when the fall months arrive this will retain its greenness longer than anything we have ever offered in this line. In some of the trials which we have made, frost had affected the Market Gardeners' variety while this strain withstood the cold. We claim this is a very valuable new variety.

Pkt. 10 cts.; $\frac{1}{4}$ oz. 20 cts.; lb. 55 cts.; lb. \$1.75; 10 lbs. \$16.50

MARKET-GARDENERS'

A strong-growing variety, usually about 8 inches high, with beautiful, dark green, very finely cut leaves. The compact, curly leaves are excellent for garnishing and sometimes used for flavoring, but we do not recommend this variety for that purpose as highly as Hamburg or Parsnip-rooted. For all general purposes, Market Gardeners' is the best variety.

Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25; 10 lbs. \$10

HAMBURG or PARSNIP-ROOTED

Grown principally for the root which, in our stock, resembles a parsnip in shape and color, though somewhat smaller and very highly flavored. Foliage is almost the same as plain or single Parsley.

Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25; 10 lbs. \$10



Dark Nite Parsley

ABBOTT & COBB
Philadelphia, Pa.

Peas

RECORD EXTRA-EARLY

The earliest maturing vine—days ahead of all others. The 18 to 20-inch vines produce an abundance of short, but well-filled pods. Excellent for canning.

Pkt. 10 cts.; lb. 40 cts.; 10 lbs. \$2.50; 100 lbs. \$22

THOMAS LAXTON

Pods about 3 inches long. About one week later than our Record Extra-Early. Vines 3 feet tall, producing a heavy crop of pods, each filled with very sweet Peas.

Pkt. 10 cts.; lb. 50 cts.; 10 lbs. \$2.75; 100 lbs. \$25

GRADUS

Of the same season, and resembling Thomas Laxton in appearance, but the 24-inch vines are not quite so dark green. The most dependable producer under all conditions and for all purposes.

Pkt. 10 cts.; lb. 50 cts.; 10 lbs. \$2.75; 100 lbs. \$25

TELEPHONE

A second-early variety with vine about 2 feet long, producing an abundance of well-filled pods about 3 inches long. Fine for canning. Withstands hot weather better than earlier sorts.

Pkt. 10 cts.; lb. 50 cts.; 10 lbs. \$2.75; 100 lbs. \$25

PILOT

A very fine sort. The seed can be sown outdoors just as early as the ground can be worked. It will stand as much cold weather as any round, smooth-seeded variety. Extra-large-podded sort, maturing about the same time as Thomas Laxton and Gradus. Valuable for commercial or home use and long a great favorite on the markets. Pkt. 10 cts.; lb. 50 cts.; 10 lbs. \$2.75; 100 lbs. \$25

CHAMPION OF ENGLAND

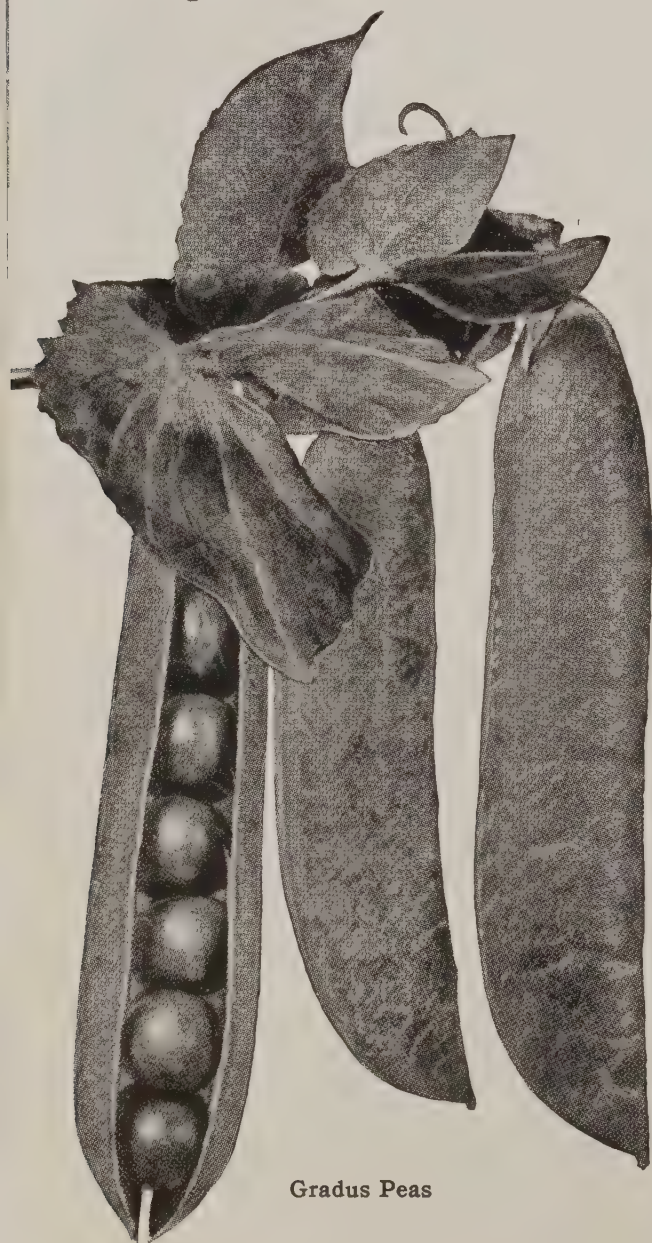
A well-known standard late variety for home-gardens. Vine medium green, coarse. Pods light green, blunt, straight, plump. Contains 7 or 8 Peas of fair quality. Vines grow 4 to 5 feet tall.

Pkt. 10 cts.; lb. 50 cts.; 10 lbs. \$2.75; 100 lbs. \$25

POTLATCH

A late, dwarf variety, with extra-heavy dark green vines that grow about 14 inches high, and 4-inch pods, well filled with fine, large Peas. A good variety to grow without brush. A great favorite with many gardeners.

Pkt. 10 cts.; lb. 50 cts.; 10 lbs. \$2.75; 100 lbs. \$25



Gradus Peas



Pilot Peas

ABBOTT & COBB
Philadelphia, Pa.

Pepper

RUBY KING. Large, handsome fruits, 4 to 6 inches long, with broad shoulders and thick, mildly piquant-flavored flesh; when ripe a beautiful bright red. Good seller. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$5.50; 10 lbs. \$54.

BELL or BULLNOSE. This is an old standard favorite market Pepper, valuable because it is very productive. Fruit large, with thick flesh. Usually considered a sweet Pepper but its flesh gets very hot in hot dry seasons. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$5.50; 10 lbs. \$54.

LONG RED CAYENNE. Very prolific; pointed fruits 6 inches long, deep green when young. This variety is used principally for flavoring purposes because of its pungency. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$5.50; 10 lbs. \$54.

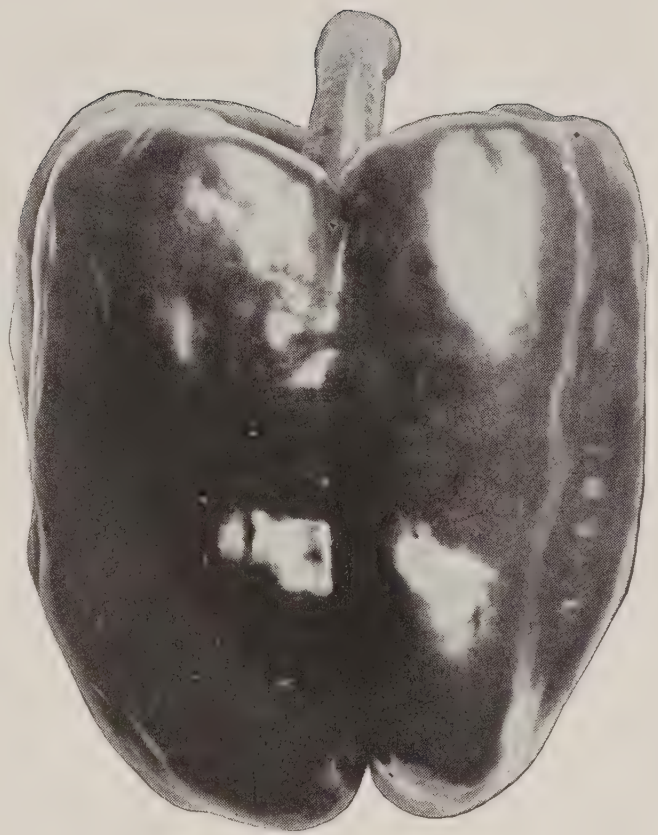
Worldbeater

Without doubt this is the finest Pepper yet introduced. Almost as big as Chinese Giant, but more prolific. Bears a delightful green fruit that turns a beautiful shade of scarlet, with thick, firm flesh. A good shipper.

Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.50;
lb. \$5.50; 10 lbs. \$54.



Worldbeater Pepper



Ruby King Pepper

California Wonder

This new variety resembles Chinese Giant in shape but has much thicker flesh. The fruit will average 4 inches in diameter at the top, tapering slightly. It matures its fruit somewhat earlier than Chinese Giant and is very prolific. Color glossy dark green, turning to crimson.

Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.75; lb. \$6.25;
10 lbs. \$60.

Pumpkin

KING OF MAMMOTHS. The largest of all. Grows to enormous size, often 2 feet in diameter, sometimes weighs 200 pounds; almost round in shape, with orange-colored skin and deep, bright yellow flesh. Very fine quality. It is the kind to grow to take prizes at the county fairs. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.50.

WINTER LUXURY or PIE. Medium size, nearly round; smooth yellow skin; flesh very thick, light yellow, sweet and finely flavored. Skin golden yellow with gray netting. A fine pie variety and a good keeper. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.50.

CUSHAW or CROOKNECK. A fine solid, yellow crookneck, nearly all flesh. A good all-round Pumpkin of excellent flavor that is very popular for making pies. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.50.



Scarlet Globe
Short Top
Radishes

Radishes

SCARLET GLOBE SHORT TOP. We are able to offer something outstanding in the way of Short Top Radish in this stock suitable for muckland, greenhouse, or warm weather conditions. Under proper conditions the top should grow $4\frac{1}{2}$ inches. The bulbs are a perfect globe shape and bright scarlet color. This stock is true. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 85 cts.; 10 lbs. \$8.

SCARLET GLOBE. Probably the most popular Radish grown for commercial or home use. It is the earliest of all, producing light red, round, crisp Radishes of mild flavor. Excellent for forcing. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 85 cts.; 10 lbs. \$8.

WHITE ICICLE. Best long early white sort for forcing or outside sowing. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 80 cts.; 10 lbs. \$7.50.

WHITE STRASBURG. The most popular long white sort from market gardeners. The pure white roots, 5 inches long and quite thick, remain solid for a long time after maturing. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 80 cts.; 10 lbs. \$7.50.

EARLY LONG SCARLET. The best long red variety grown. Fine, long, very crisp scarlet roots and short tops. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.; 10 lbs. \$8.50.

Our stocks are all grown especially for us and have been most carefully selected

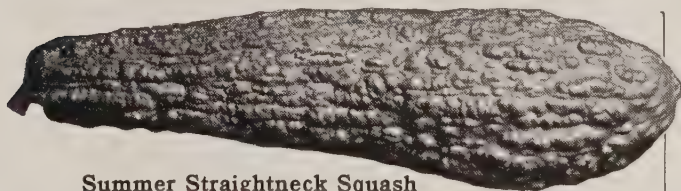
ABBOTT & COBB
Philadelphia, Pa.

Radish, Winter Varieties

WHITE CHINESE or CELESTIAL. A very large, white sort, grown especially for bunching in the fall or storing in the winter. A profitable variety to grow. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 80 cts.; 10 lbs. \$7.50.

HALF-LONG BLACK SPANISH. (Our own growing.) Pure white, very hard, crisp flesh and black skin. This variety keeps fine during the winter months when stored in cellars or pits. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 80 cts.; 10 lbs. \$7.50.

ROUND BLACK SPANISH. Similar to the Half-Long, except in shape. Roots round and black. Very hardy, robust grower. Fine for late bunching. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 80 cts.; 10 lbs. \$7.50.



Summer Straightneck Squash

Squash

MAMMOTH WHITE BUSH SCALLOPED. One of the earliest, most popular Squashes, of dwarf habit, upright growth, and fine flavor. Color creamy white when matured. Pkt. 10 cts.; oz. 15c.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.50; 10 lbs. \$14.

BOSTON MARROW. See page 34.

COCOZELLE. A summer variety of bush habit, with oblong fruit 12 to 14 inches long and 4 inches in diameter. Color dark green, with light green stripes. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.50; 10 lbs. \$14.



Cocoselle Squash



Warted Hubbard Squash

WARTED HUBBARD. Popular variety, universally rated as the best late-keeping winter Squash. The hard thickly warted dark green shell encases a thick layer of delicious bright orange meat. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2; 10 lbs. \$18.50.

SUMMER STRAIGHTNECK. A fine early variety of the Crookneck type, with vines of bush habit. The fruits, when mature, are often $1\frac{1}{2}$ to 2 feet long, with a densely warted golden surface. Pkt. 10 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.50; 10 lbs. \$14.

Salsify

MAMMOTH SANDWICH ISLAND. This is the best variety. Roots light in color, heavy and thick. Salsify requires deeply cultivated soil and should be sown early in the spring. Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$5; 10 lbs. \$47.50.

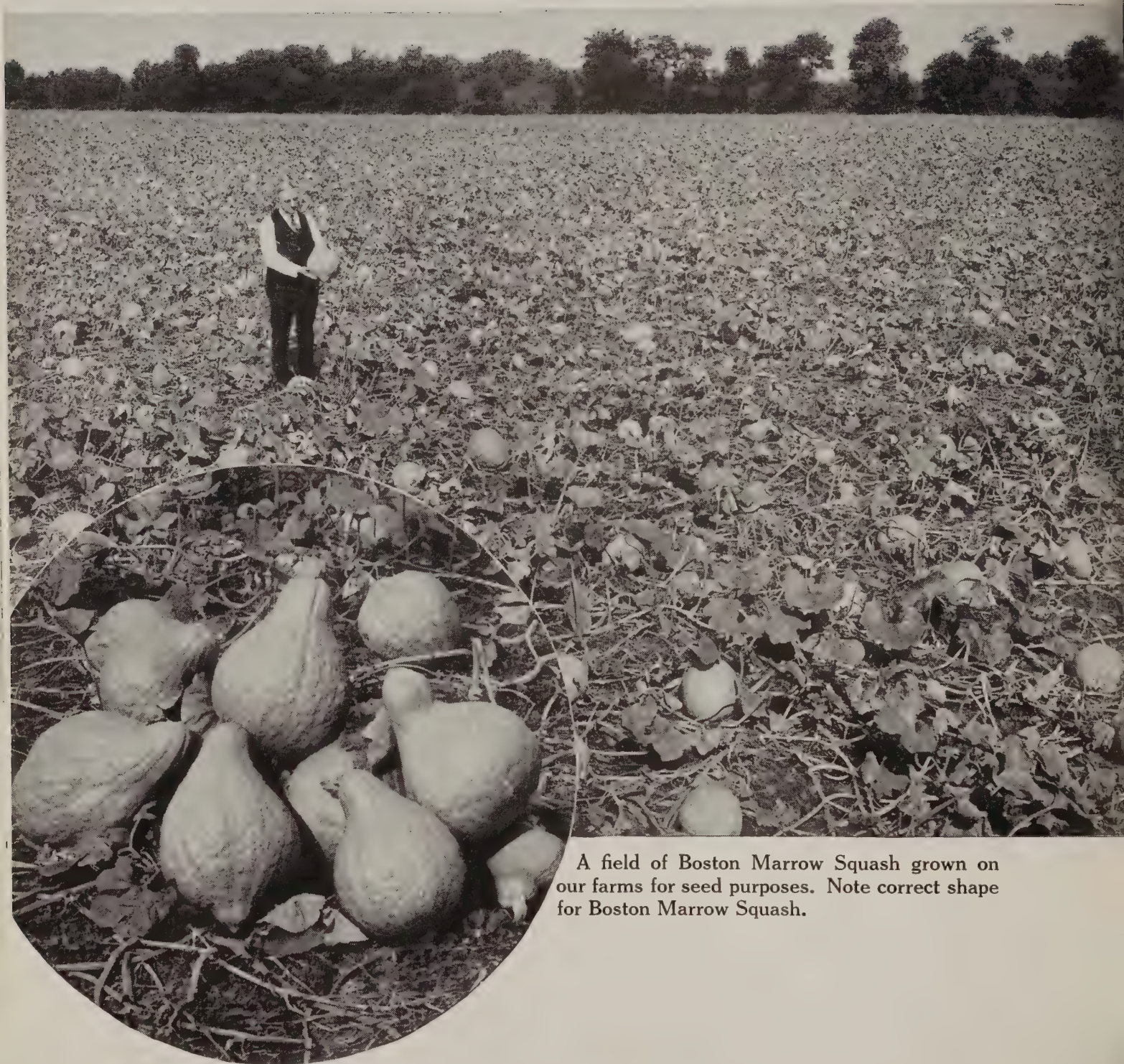
Sorrell

LARGE-LEAVED. A fine variety for market gardeners. Very large, light green leaves. This sort can be cut several times during the summer. Can be wintered over and it will grow again in the spring. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.40; lb. \$4.50; 10 lbs. \$44.

NARROW-LEAVED. The leaves of this variety are narrower than the Large-leaved, long, slender, and attractive, bright green. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4; 10 lbs. \$39.



Salsify



A field of Boston Marrow Squash grown on our farms for seed purposes. Note correct shape for Boston Marrow Squash.

Squash, Boston Marrow

We are offering a strain of Boston Marrow Squash which we know cannot be surpassed. It is selected for the really true type of Boston Marrow with a neck that is very solid and hence produces more weight per acre. The hull is thicker than the ordinary stocks of Boston Marrow. The inside and outside color is a very rich orange-red. This also is produced on our own farms. Do not fail to try this special strain for at least a portion of your crop.

Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50; 10 lbs. \$14.

ABBOTT & COBB
Philadelphia, Pa.



Threshing field of Virginia Blight-Resistant Savoy Spinach seed on our own farms.
Note packed bushel of Spinach grown from the same seed

Spinach

BLOOMSDALE SAVOY. The earliest of all. Thick, large, curled leaves. Our stock is grown under our direction. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 50 cts.; 10 lbs. \$4; 100 lbs. \$38.

KING OF DENMARK. A very quick grower, with dark, thick, heavy, half-crimped leaves that stand long before running to seed. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 50 cts.; 10 lbs. \$4.50; 100 lbs. \$40.

LONG SEASON, Extra Selected. The finest of all summer varieties. Very heavy, dark green, curled leaves growing closer to the ground than Bloomsdale. Very productive. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 50 cts.; 10 lbs. \$4; 100 lbs. \$38.

VIRGINIA BLIGHT-RESISTANT (American Grown). We grow this variety in the U. S. A. directly from our own stock seed which we developed into the truest strain possible to produce. The leaves are well crimped, color dark. It grows upright, producing a yield as great as any Long-standing variety. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 50 cts.; 10 lbs. \$4; 100 lbs. \$38.

LONG-STANDING BLOOMSDALE. This is a new variety introduced six years ago and is upright in growth. It resembles Bloomsdale Savoy but will grow to a much larger size and will stay ten days longer on the ground before running to seed. This is fast becoming the most popular variety for all seasons' use, producing more bushels per acre. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 50 cts.; 10 lbs. \$4; 100 lbs. \$38.

GIANT THICK-LEAF. A quick-growing sort, with very large, round, and almost smooth leaves. Most popular for canning-house Spinach. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 50 cts.; 10 lbs. \$4.50; 100 lbs. \$40.

HEAVY PACK. This is an exceptionally large broad-leaf type. Very dark green, slightly crimped under cool conditions; long-standing. The stem is rather short in comparison to some of the flatter-leaf types of Spinach. An excellent variety for canning or commercial use. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 50 cts.; 10 lbs. \$4.50; 100 lbs. \$40.

Spinach trials—the photo below will show that our stocks are true





Improved Rutgers Certified Tomatoes grown on our own farms

Tomato

IMPROVED RUTGERS (Certified)

This is the new variety developed by crossing Marglobe and J. T. D. Deep globe shape thick deep red meat, small seed cells, exceptionally heavy yielder. This seed is grown on our own farms and extra selected for seed purposes only. Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.75; lb. \$6; 10 lbs. \$55.

Improved Grothen Globe.

This is a very decided improvement on the Grothen Globe Tomato, a variety originated in the South. We have developed this to produce a Tomato with a good, heavy thick wall suitable for carrying long distances. It is a trifle earlier than Marglobe, very productive, with large-sized fruit. This year our fields produced 16 tons to the acre. Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.75; lb. \$6; 10 lbs. \$55.

MARGLOBE. Since its origination, we believe this has become a favorite quicker than any other stock of Tomato. One of the main points to be considered is the shape—we know that it is absolutely essential to have a good globe shape. This we have secured, together with selecting the stock to eliminate cracks around the stem. Our stock seed, every year, costs a considerable amount of money to produce. We suggest that you give this extra-selected stock a trial. Pkt. 10 cts.; oz. 45 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$5.50; 10 lbs. \$52.50.

MATCHLESS. An improvement on the Stone Tomato. It is a vigorous grower, producing abundant late crops. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1; lb. \$3.50.

Spring Garden.

We have originated this variety. It is a perfect, globe-shaped stock with strong foliage, and about as early as Bonny Best, Scarlet Topper, etc. An exceptionally true strain with good-sized fruit. It is unusual for a variety this large to mature perfect, globe-shaped Tomatoes about the same time as Bonny Best. Good-sized Tomatoes can be picked all season. Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.75; lb. \$6; 10 lbs. \$55.

BONNY BEST. A fine outdoor, second-early Tomato and a remarkably productive sort. Used by a great many canners. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1; lb. \$3.50.

STONE. The best-known Tomato for main crop. Our strain of this variety has been carefully selected to produce heavy crops of uniform fruits. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1; lb. \$3.50.

GREATER BALTIMORE. A desirable general or late-crop variety. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1; lb. \$3.50.

LIVINGSTON'S GLOBE. A real globe-shaped stock, grown by us for seed purposes only. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1; lb. \$3.50.

ABBOTT & COBB
Philadelphia, Pa.



Purple-Top Yellow Globe (Rutabaga). A half bushel of our Bucks County Rutabaga. Note shape and small neck. Grown on our own trial-grounds.

Purple-Top White Globe Turnip

The best sort for early sowing or winter use. The roots are a perfect globe shape, the upper half being light purple and the lower half pure white. Fine quality; an excellent keeper. Good for table use or feeding stock. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. 90 cts.; 10 lbs. \$8.50.

Purple-Top Yellow Globe

Grows same shape and size as Purple-Top White Globe Turnip, but the skin is yellow, with a purple crown. Flesh deep yellow and of excellent quality. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.60; 10 lbs. \$15.50.

Purple-Yellow Globe

(Rutabaga)

Carefully selected and grown by us from the famous Bucks County, Pennsylvania, type of Rutabaga. We believe this is the finest variety obtainable. We have selected the stock so that it will mature two weeks earlier than the ordinary stock of Rutabaga. The globe-shaped, yellow-skinned root is practically neckless and has a purple crown and deep yellow flesh of excellent quality. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1; lb. \$3.50; 10 lbs. \$32.50

FIELD SEEDS

CANADA PEAS. One of the best-known varieties for plowing under for green manure. Also excellent when cut green and cured like clover for feeding through the winter. We have secured quite a quantity of these Peas and will be glad to quote prices on large quantities. Write for prices.

SOJA BEANS. Write for prices.

VETCH, HAIRY or SAND. Write for prices.

RAPE, DWARF ESSEX. Write for prices.

WHEAT, HARVEST KING. Write for prices.

TIMOTHY. Write for prices.

MILLET, GOLDEN or GERMAN. Write for prices.

RYE, WINTER. Write for prices.

CLOVER, Medium Red. Write for prices.

Mammoth Red. Write for prices.

Alsike. Write for prices.

Alfalfa. Write for prices.

White Dutch. Write for prices.

Crimson. Write for prices.

As the market on all Field and Grass Seeds fluctuates, the above prices are subject to change without notice.



Purple-Top White Globe Turnips

Grown on our own trial-grounds



LAWN GRASSES

Nothing around the home adds to or detracts from its appearance so much as the lawn. Carefully built and maintained lawns will last for many years. While care must be taken to get the right start, it is not a difficult task to make a good lawn.

Loam soil is usually preferable. Avoid soil from excavations, but if you must use it, add sufficient sand, peat moss, or similar material to loosen it up.

Plow or spade the lawn area to a depth of 6 inches, provided this is not deeper than the top-soil; then disc or rake the ground until it is thoroughly pulverized. It should be leveled off with a gradual slope from the house to insure satisfactory surface drainage.

Apply complete plant-food, preferably Vigoro, at the rate of 4 pounds for each 100 square feet, and work it lightly into the surface soil with a rake. Then sow half the seed crosswise and half lengthwise for uniform distribution. If the area is small, the distribution of Vigoro or other plant-food may be made by hand, but for the larger areas it is more practicable that a spreader be used.

Cheap seed is false economy, as you are sure to be disappointed. We have gone to much expense in compounding our A. & C. Grass Seed Mixtures. They represent years of experience and are sold as cheaply as we can market good seed. Sow 5 to 7 pounds per 1,000 square feet for a heavy stand of grass.

Roll after seeding, or tamp with a wide board to imbed seeds firmly in the soil; sprinkle thoroughly with a fine spray, and keep the seed-bed moist until germination takes place. Thereafter, water the lawn thoroughly once or twice a week. Light sprinkling causes shallow rooting.

Mow the lawn just as soon as it is possible to clip off a few blades; this develops a heavier plant; then do not clip shorter than 1½ inches.

Regular feeding, mowing, and watering will result in a beautiful lawn. A. & C. Grass Seed Mixtures are well balanced and will give satisfactory results in all cases, if the above program is followed. Where weeds show up in your new lawn they come from seeds in the ground; our Grass Seed Mixtures are weed-free.

A. & C. SPECIAL MIXTURE. For the very best results use A. & C. Special Mixture. The extra money paid will more than repay in results. ½lb. 65 cts.; 1lb. \$1.20; 3 lbs. \$3.15; 5 lbs. \$5; 20 lbs. \$19.

A. & C. FANCY is a good grade of grass seed but does not have so many of the fancy sorts which go to make the highest type of lawn. You will not, however, be disappointed in its results. ½lb. 50 cts.; 1lb. 90 cts.; 3 lbs. \$2.50; 5 lbs. \$4; 20 lbs. \$15.

SHADY SPOT is a special mixture for shaded places. After having sown one of the above mixtures, sow Shady Spot under trees or other shaded places; this will insure a gradual change from one to the other. ½lb. 50 cts.; 1lb. 90 cts.; 3 lbs. \$2.50; 5 lbs. \$4; 20 lbs. \$15.

ABBOTT & COBB
Philadelphia, Pa.



Abbott & Cobb's Choice Flower Seeds



Rustproof Antirrhinum (Snapdragon)

ABBOTT & COBB
Philadelphia, Pa.

Ageratum

Attractive blue flowers profusely borne all summer by a compact, low-growing plant that thrives in any soil. One of the most desirable bedding plants. Annual; sow seeds in greenhouse, hotbed or in border where plants are to grow. In a bed, set the plants 1 foot apart. Fall-sown seed gives good winter-blooming plants indoors. 1 to 1½ ft. Pkt. 10 cts.; ¼oz. 50 cts.

Acroclinium (Everlasting)

Popular both as summer cut-flowers and dried for winter bouquets. Annuals, with pink and white flowers. To preserve them for winter bouquets, pick them just before the flowers have opened, hang in a dry, airy room until dry. The colors remain bright all winter. 2 to 2½ ft. Pkt. 10 cts.; ¼oz. 20 cts.

Alyssum

LITTLE GEM. A free-blooming, beautiful, honey-scented, white-flowered dwarf annual, for edging beds or rock-gardens. Blooms in six weeks from seed. Keep the old faded flowers removed to perpetuate flowering. ½ ft. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

Antirrhinum . Snapdragon

After years of effort, plant-breeders have succeeded in producing a strain of Snapdragons that is rustproof. Mixed colors, pkt. 10 cts.; ¼oz. 75 cts.



Annual Calliopsis

Aquilegia . Columbine

ABBOTT & COBB'S LONG-SPURRED HYBRIDS. Beautiful white, yellow, pink, scarlet, and blue blooms with long spurs. They prefer moist, well-drained soil in full sun or partial shade. Perennial; sow seeds in July for bloom the following May and June. 2 ft. Pkt. 10 cts.; $\frac{1}{4}$ oz. 25 cts.

Aster

QUEEN OF THE MARKET. A very early class with medium-sized blooms that appear three to four weeks before the larger-flowered kinds. Branching plants, with long-stemmed blooms, much used by florists for cut-flowers. $1\frac{1}{2}$ ft. Mixed colors, pkt. 10 cts.; $\frac{1}{4}$ oz. 40 cts.; oz. \$1.25.

GIANT COMET. Long, stiff stems, bearing very double, showy flowers with long, wavy, twisted petals, like Japanese chrysanthemums. Wonderful for vases and table decorations, producing exceedingly beautiful effects. 2 ft. Mixed colors, pkt. 10 cts.; $\frac{1}{4}$ oz. 40 cts.; oz. \$1.25.

Balsam . Impatiens

The finest strains of this delightful old plant. Large, double flowers, varying from white to dark blood-red, yellowish and spotted forms. Early May-sown seed will produce plants that bloom from July to frost. Set plants 2 feet apart to get good specimens. 2 to $2\frac{1}{2}$ ft. Pkt. 10 cts.; $\frac{1}{4}$ oz. 25 cts.; oz. 75 cts.

Balsam Apple . Momordica

Tender vines, bearing curious, warted, golden yellow, ovoid fruits, 2 to 3 inches long, which burst open when ripe, showing the seeds and their brilliant carmine interiors. Excellent for training on trellises, over rockwork, or stumps. 10 ft. Pkt. 10 cts.; oz. 50 cts.

Calendula . Pot Marigold

A very showy, free-flowering annual that thrives in good garden loam, producing large, lemon or orange shaded, disc-like, double flowers in profusion from June to November; also thrives in pots or benches under glass and is much used by florists. $1\frac{1}{2}$ ft. Pkt. 10 cts.; oz. 30 cts.

Calliopsis

Bright yellow and reddish brown, single, daisy-like flowers that thrive in almost any soil in a sunny situation. Sow the seeds where plants are to stand; thin to 8 inches apart each way. A continuous supply of bloom may be assured by keeping all faded flowers removed. A wonderfully attractive cut-flower. Pkt. 10 cts.; oz. 40 cts.

Campanula . Canterbury Bells

One of the most attractive old-fashioned garden flowers. Large, strong plants, covered in June with large "cup-and-saucer" shaped blooms of blue, pink, or white. Well-grown plants are 2 or more feet high and $1\frac{1}{2}$ feet broad. They can be lifted when in full bloom and potted for house decoration; good cut-flower. Pkt. 10 cts.; $\frac{1}{4}$ oz. 50 cts.

Candytuft . Iberis

One of the most indispensable annuals. Plants a foot or more high, covered with clusters of small pure white flowers; good for cutting; desirable rockery plants and an excellent edging for beds. Fall-sown plants bloom from May to July; spring-sown flower from July to September. Prefer good soil and a light, airy situation. For cut-flowers make successive sowings every fourteen days. Pkt. 10 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 50 cts.



Aquilegia

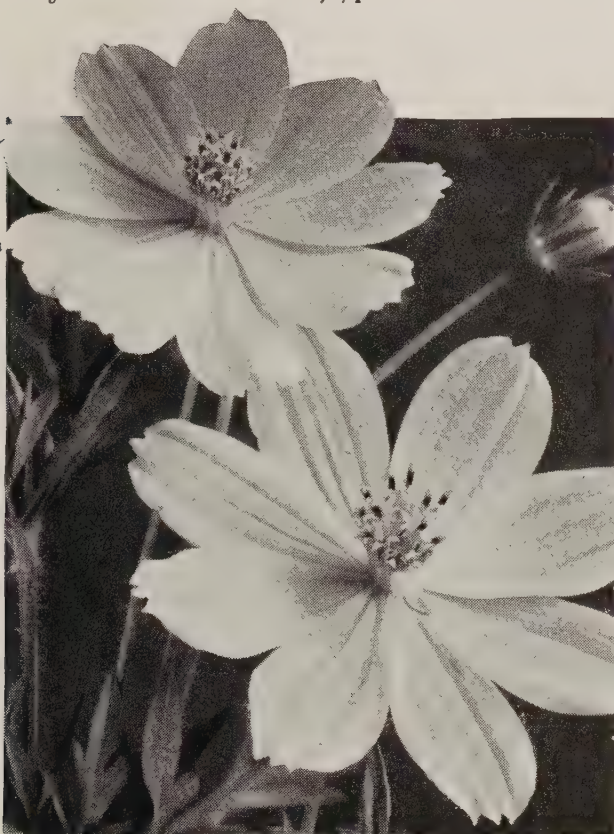
ABBOTT & COBB
Philadelphia, Pa.



Centaurea, Jubilee Gem

Carnation

MARGUERITE. The earliest Carnation, popular for rich color and delicious fragrance. Flowers white ranging through yellow, scarlet, and deep crimson. Plants from seed sown early in the open bloom from July to frost, and, if given some protection, winter well. For early bloom, sow seeds early indoors. Pkt. 10 cts.; $\frac{1}{4}$ oz. 50 cts.



Cosmos, Orange Flare

Centaurea · Bachelor's Button

One of the commonest old-fashioned flowers beloved by everyone who grows it. Beautiful fringed blue or white flowers, single or double, 1 inch across, are borne from July till frost. An annual; the plants perpetuate themselves by self-sown seeds. 1 to 2 ft. Pkt. 10 cts.; $\frac{1}{4}$ oz. 20 cts.; oz. 75 cts.

Centaurea, Jubilee Gem

A new dwarf variety with compact plants which make attractive beds, splendid borders and is unusually satisfactory as a pot-plant. Of course for cutting, few flowers can compare with the Centaurea. The color of Jubilee Gem is true cornflower-blue. Pkt. 10 cts.; $\frac{1}{4}$ oz. 50 cts.

Castor-Oil Bean · *Ricinus communis*

Gives a tropical appearance when used as center of bed, or screen. When ground is warm, sow seed in rich soil; thin plants to about $1\frac{1}{2}$ feet apart. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 65 cts.

Chrysanthemum

Free-flowering, hardy annuals, with double white, yellow, or red flowers from August till November. It is one of the most attractive of the late summer-flowering plants; easily grown; useful for cut-flowers as well as garden decoration. Pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts.

Celosia · Dwarf Cockscomb

One of the showiest annuals. Small flowers of brilliant golden yellow, crimson, or other shades of red, crowded into velvety fasciated masses that resemble a rooster's comb. Very attractive bedding plant. Sow seeds early indoors. Pkt. 10 cts.; $\frac{1}{4}$ oz. 50 cts.

Coreopsis

Showy, bright yellow flowers on long, graceful stems, ideally adapted for cutting as well as garden decoration. Blooms over a long season. Seeds sown early bloom the first season, but they will be finer the second year. Pkt. 10 cts.; $\frac{1}{4}$ oz. 25 cts.; oz. 75 cts.

Cosmos

Very satisfactory late summer-flowering annuals with big, daisy-like flowers, 3 to 4 inches across, in white or pink. Strong-growing, very graceful plants 3 to 6 feet high. Pkt. 10 cts.; $\frac{1}{4}$ oz. 20 cts.

Cosmos, Pink Sensation

The Sensation Cosmos are early bloomers with large flowers up to 4 or 5 inches across on 4-foot plants and this pink variety is the loveliest of the group. Blooms in 10 weeks from seed providing splendid cut-flowers when badly needed. Pkt. 10 cts.; $\frac{1}{4}$ oz. 75 cts.

ORANGE FLARE. New early-flowering Cosmos. Bears a profusion of strikingly vivid orange-yellow blooms *four months after seed is sown*. A novelty that fills a long-felt need for an early-flowering Cosmos. Pale green feathery foliage. Pkt. 10 cts.; $\frac{1}{4}$ oz. 75 cts.

Delphinium

Perennial Larkspurs are the finest blue flowers for the garden. Shades range from sky-blue almost to black; some varieties pinkish lavender. Mixed colors, pkt. 10 cts.; $\frac{1}{4}$ oz. \$1.75; oz. \$5.



Gaillardia

Dianthus . Pinks

The sweet fragrance of these delightful single or double white, pink, or crimson flowers is unforgettable. They are borne on 10-inch stems produced by a tuft-like plant with short, narrow, gray-green leaves. Use them to border beds or walks. 1 ft. Pkt. 10 cts.; $\frac{1}{4}$ oz. 25 cts.

Digitalis . Foxglove

Tall spires of narrow, bell-like, white, pink, rose, or speckled flowers that add grace to any garden. A biennial; sow seeds in July for flowers next June; once established they reseed themselves. Naturalize them in shrubbery plantations or put them at the back of the border. Pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts.

Eschscholtzia . California Poppy

From June to frost a bed of these will be a constant mass of color—brilliant yellow, orange, rosy crimson, wallflower-red, and kindred shades. Sow the seeds early, in good soil in a sunny situation; sometimes it self-sows. An attractive edging for beds because of its blue-green foliage. 1 ft. Pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts.

Four o'Clock . *Mirabilis jalapa*

Marvel of Peru is an old-time annual. Flowers open in late afternoon, remain open all night, and fade in the morning. Brilliant shades of red, pink, white, and yellow; bright foliage. Pkt. 10 cts.; oz. 20 cts.

Gaillardia

ANNUAL. Brilliant red and yellow daisy-like flowers with brown centers 2 inches across. They thrive in a sunny situation in well-drained, light soil and bloom from July to frost. Sow the seed early where the plants are to grow. 1 to $1\frac{1}{2}$ ft. Pkt. 10 cts.; $\frac{1}{4}$ oz. 25 cts.; oz. 75 cts.



Eschscholtzia

Gypsophila . Baby's Breath

A free-flowering annual that thrives in any situation, even dry places, and produces misty white panicles of bloom much used in mixing with other flowers when making bouquets. Desirable for growing on waste places and in rockeries. $1\frac{1}{2}$ ft. Pkt. 10 cts.; $\frac{1}{4}$ oz. \$1.

Gourds

Vigorous vines for shading porches and arbors. They grow quickly from seed and produce showy yellow flowers, followed by curious fruits of many shapes and colors. Pkt. 10 cts.; oz. 30 cts.



Morning-Glory, Heavenly Blue

ABBOTT & COBB
Philadelphia, Pa.



Marigold, Yellow Supreme

Hollyhocks

No garden is complete without at least a few plants of these stately, time-honored flowers. Tall spikes, 6 to 7 feet, with 4-inch white, pink, or red flowers that open in July, continuing until August. Seed started in a hotbed in February will bloom the same season. Plant among shrubbery, in angles of the house, fence-corners, along fences, and border beds. Keep all diseased leaves removed and remove all old stalks and leaves at the end of the season, to prevent trouble from rust. Pkt. 10 cts.; 1/4oz. 30 cts.

Larkspur

Probably the best-known hardy annual. Large white, pink, scarlet, and blue flowers, 1½ inches across, with spurs of equal length, on long stems; fine for cut-flowers. Prefer deep, rich, sandy loam in a sunny situation; deep digging is essential. For the earliest bloom, sow seeds in fall; they germinate slowly. 2 ft. Mixed colors, pkt. 10 cts.; 1/4oz. 25 cts.

Marigold

A profusion of large, double, yellow or orange flowers are borne continuously till frost by robust plants 2 to 2½ feet tall. A most desirable bedding plant; also good for filling in the perennial and mixed borders. Mixed colors, pkt. 10 cts.; 1/4oz. 20 cts.

GUINEA GOLD. Splendid new Marigold with loosely arranged broad petals of glowing yellow, very bright and luminous. Finest of all Marigolds for cutting. Pkt. 10 cts.; 1/4oz. 25 cts.; oz. 75 cts.

YELLOW SUPREME. Resembling in many respects the popular Guinea Gold, this new variety is a pleasing companion to it. The flowers, some 3 inches in diameter, are loosely built and ruffled somewhat like a carnation; the color is a delightful shade of lemon-yellow and the flowers are free from the objectionable Marigold odor. Plants are 2½ to 3 feet tall. Pkt. 10 cts.; 1/4oz. 25 cts.; oz. 75 cts.

Mignonette . *Reseda odorata*

Sweet Mignonette is a lovely plant with rather long spikes of deliciously fragrant flowers. Early sown seed will give plants that bloom all summer. Pkt. 10 cts.; 1/4oz. 20 cts.

Myosotis . Forget-me-not

Exquisite, small, delicate blue flowers, borne in profusion from May till frost. Thrive in shaded situations in moist soil. Sow seed up to midsummer where plants are to stand; give slight mulch. Pkt. 10 cts.; 1/4oz. 25 cts.

Morning-Glory

A free-flowering and one of the most rapid-growing vines. It thrives in any situation and soil, producing a profusion of large blooms in white, pink, purple, and intermediate shades, from June till frost. Most desirable for covering fences, walls, trellises, and unsightly objects. Mixed colors pkt. 10 cts.; 1/4oz. 25c.

HEAVENLY BLUE. A new strain producing very large flowers of deep, intense blue, shading lighter toward the center. The flowers remain open until late afternoon. Pkt. 10 cts.; 1/4oz. 40 cts.

SCARLETT O'HARA. Large flowers of glowing carnelian-red. Blooms remain open most all day. Pkt. 10 cts.; 1/4oz. 40 cts.

PEARLY GATES. The flowers of this new variety are a lovely lustrous white with creamy shading deep down in the throat and average 4½ inches across. The fast-climbing vines are covered with blooms throughout the summer. Pkt. 10 cts.; 1/4oz. 40 cts.

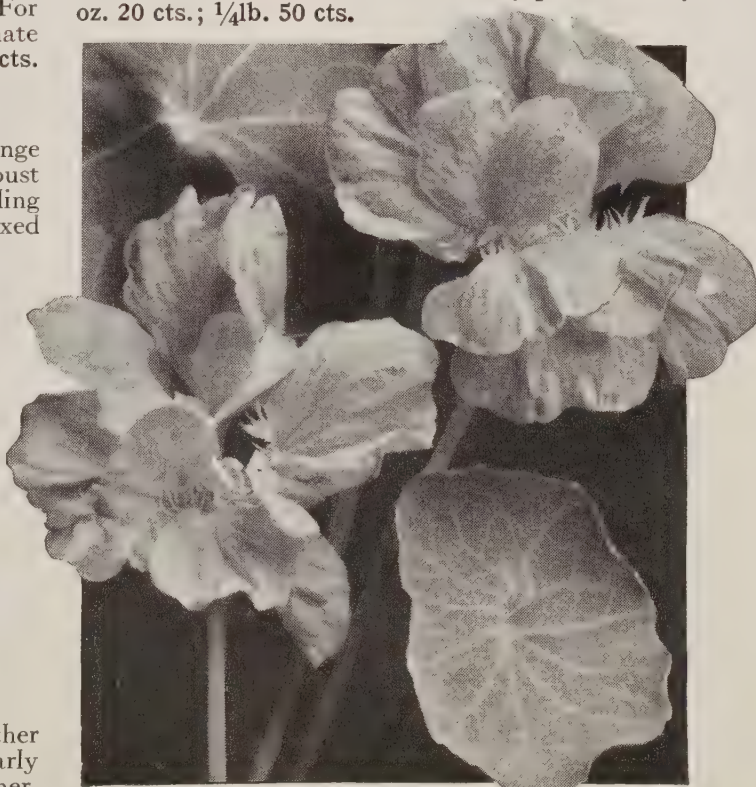
Nasturtium

SCARLET GLEAM. The dazzling, fiery orange-scarlet flowers are sweet-scented, very large, double, and are produced on long, stiff stems. Free bloomer; a gorgeous display all summer. Pkt. 10 cts.; 1/2oz. 25 cts.; oz. 40 cts.

GOLDEN GLEAM. Glorious semi-double Nasturtium of pure sunny yellow, long lasting, and fragrant. The flowers average 3 inches across. Plants compact, literally covered with flowers. Pkt. 10 cts.; 1/2oz. 25 cts.; oz. 40 cts.

TOM THUMB (DWARF) MIXTURE, pkt. 10 cts.; oz. 20 cts.; 1/2lb. 50 cts.

TALL or CLIMBING MIXTURE, pkt. 10 cts.; oz. 20 cts.; 1/4lb. 50 cts.



Semi-Double Nasturtium, Golden Gleam



Annual Phlox

Phlox

Showy annuals of easy cultivation, useful for beds, mixed borders, and cut-flowers. Brilliant flowers in shades of white, pink, crimson, and violet are abundantly produced in flat clusters. Easily raised; sow seed where the plants are to grow, preferably in light, well-drained soil. **Mixed colors, pkt. 10 cts.; 1/4oz. 40 cts.**

Petunia

For window- and porch-boxes, as well as for bedding, Petunias are very effective. Their large, trumpet-shaped, ruffled flowers vary from white to dark purple-violet and are borne in abundance from June to frost, and if kept indoors will bloom all winter. **Pkt. 25 cts.; 1/4oz. \$1.**

ROSY MORN. This is one of those Petunias one never has enough of. The plants are dwarf and bushy and cover themselves with lovely rose-colored flowers all summer and fall, producing colorful beds and excellent cut-flower material. **Pkt. 25 cts.; 1/4oz. \$1.**

Oriental Poppies

These are extremely hardy and, once established, last for years. They produce immense single flowers, 4 inches across, in early summer. Sow the seed thinly, early in the spring, and leave the plants until September before moving them to the permanent garden. **Pkt. 10 cts.; 1/4oz. 35 cts.**



Single Petunias

Physalis Francheti . Chinese Lantern

This beautiful 2-foot plant is grown chiefly for the orange-scarlet, lantern-like fruit in fall, which can be cut and dried for winter bouquets. Native bittersweet, artistically arranged with Chinese Lanterns, adds to the winter decoration of the home. Although a perennial, the pods are produced the same year from spring-sown seed. **Pkt. 10 cts.; 1/4oz. 50 cts.**

Pansy

Our seed is most carefully selected, and if the plants are given a cool, moist soil, protected from harsh winds and the mid-day sun, unusually large flowers will be produced. Their color is unsurpassed in brilliancy and markings. Sow seeds in mid-summer and protect plants over winter in a cold-frame. The blooms on plants from spring-sown seed will not be as large on account of summer heat. **Mixed colors, pkt. 50 cts.; 1/4oz. \$3; oz. \$10.**

Portulaca

Beautiful little plants with cylindrical, pale green leaves and reddish stems that bear an abundance of shining flowers of yellow, orange, or scarlet. It frequently reseeds itself. Very valuable in rockeries, as edging to beds, or broadcast over sunny banks. It is the best covering for dry, sunny places, thriving on less water than most garden plants. **Single, Mixed, pkt. 10 cts.; 1/4oz. 75 cts. Double, Mixed, pkt. 10 cts.; 1/4oz. 75 cts.**



Pansies



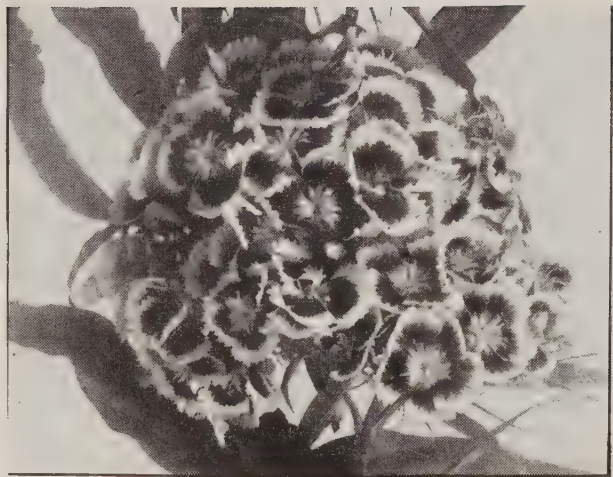
Primula



Salvia (Scarlet Sage)



Scabiosa



Sweet William

Primula, Giant Malacoides

One of the most charming winter-flowering house plants; easily grown and free from insect pests. Our seed was grown for us by one of the most celebrated English Primrose specialists. The flowers are remarkable for their size, beauty, brilliancy of color, and substance of petals; colors, white, pink, red. $\frac{1}{2}$ to $\frac{3}{4}$ ft. Mixed colors, pkt. 10 cts.; $\frac{1}{4}$ oz. \$3.50.

Salvia . Scarlet Sage

One of the best late summer- and fall-flowering plants. The tall, compact bushes, with dark green foliage, are literally ablaze with brilliant scarlet blooms until hard frosts kill them. Start the seed in the house or hotbed, transplanting to the open when danger of frost is over. Pkt. 10 cts.; $\frac{1}{4}$ oz. 75 cts.; oz. \$2.50.

BLUE BEDDER. This is a Perennial Sage but can be treated as an Annual and if planted early in spring should be in bloom by July and last until October. Plants are compact and flowers are deep blue in color. Much darker than Farinacea. Pkt. 10 cts.; $\frac{1}{4}$ oz. 75 cts.; oz. \$2.50.

Scabiosa

Under the name of Mourning Bride this plant was known in old-time gardens. It has been vastly improved, and the flowers are excellent for cutting.

BLUE. Pkt. 10 cts.; $\frac{1}{4}$ oz. 75 cts.

MIXED COLORS, white, pink, maroon, yellow, scarlet, and crimson. Pkt. 10 cts.; $\frac{1}{4}$ oz. 20 cts.

Scarlet Runner Beans

A rapid-growing climber, with intense scarlet flowers followed by long pods of edible beans. Desirable for trellis, porch, or fence covering. Pkt. 10 cts.; lb. 35 cts.

Sweet William

Free-flowering, showy perennial; a garden favorite for generations. Once established in good soil the plants last for years. Sow seeds in spring or early fall where plants are to grow. We have mixtures of both tall and dwarf forms. Single, pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts. Double, pkt. 10 cts.; $\frac{1}{4}$ oz. \$1.

Stocks

Flowers in long spikes of various colors, with the delicious scent of carnations. They bloom quickly from seed. Pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts.; oz. \$1.



Wallflower

Sweet Peas

Flowers often 2 inches across; petals beautifully waved and crinkled, in delicate shades from white, scarlet, crimson, coral, pink, and lavender to deep purple; borne on long stems. Blooms a month longer than ordinary early-blooming sorts. Mixed colors, pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ oz. \$1.25; lb. \$4.

Verbena

Sweetly scented white, pink, scarlet, blue, and purple flowers are borne in large, flat clusters profusely from June till frost. Sow seeds in the house or hotbed to get early-flowering plants. Pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts.

Wallflowers

Half-hardy perennials bearing large clusters of rich yellow, red, or orange-brown, deliciously fragrant flowers. Seed sown in March or April in a warm house will flower the following winter in a cool greenhouse; keep over in coldframes for spring bloom. Mixed colors, pkt. 10 cts.; $\frac{1}{4}$ oz. 25 cts.

Zinnia

FANTASY. Quilled, twisted petals that form rounded, shaggy flowers. Colors range through reds, yellows and orange, also pinks and creams. Mixed colors, pkt. 10 cts.; $\frac{1}{4}$ oz. 40 cts.

SCABIOUS-FLOWERED. Two-foot plants bearing flowers that resemble the annual scabiosa. All the bright colors are included in the mixture. Pkt. 10 cts.; $\frac{1}{4}$ oz. 40 cts.

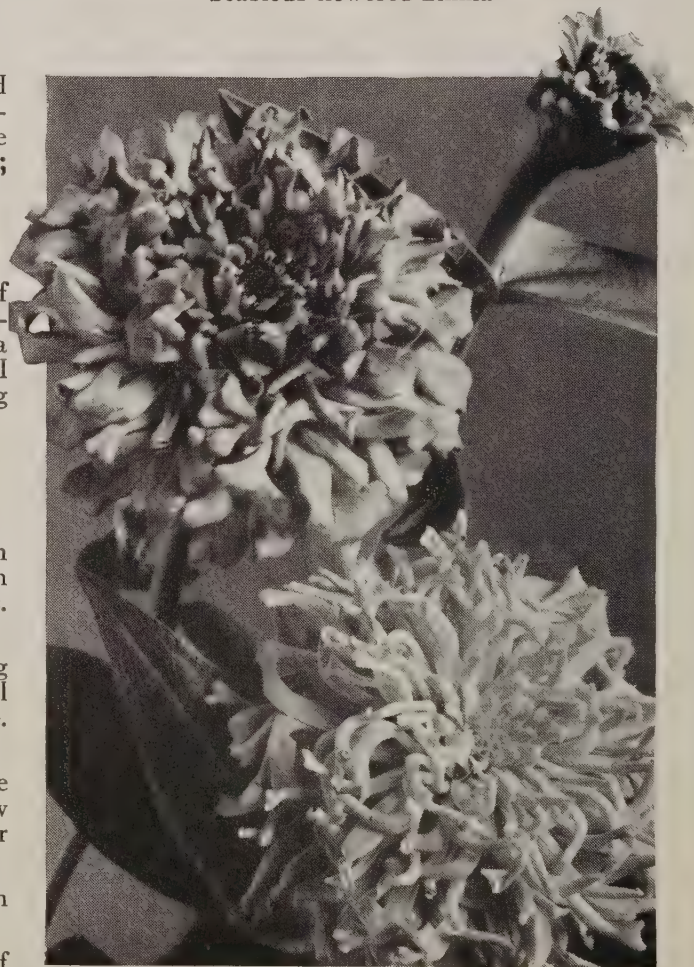
COMMON. Very hardy; bloom profusely from late summer until heavy frost. The large golden yellow or scarlet blooms, 2 to 4 inches across, last for weeks. Mixed colors, pkt. 10 cts.; $\frac{1}{4}$ oz. 25 cts.

LILLIPUT or POMPON. Delightful little flowers in many colors. Pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts.

DAHLIA-FLOWERED. Largest and brightest of all Zinnias. Pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts.



Scabious-flowered Zinnia



Fantasy Zinnia

Fertilizers

ADCO. The addition of Adco to the compost pile or to other vegetable refuse, grass clippings, leaves, etc., will quickly produce a clean, odorless manure within four months. Use 2 pounds for each wheelbarrow load of refuse. 7½ lbs. \$1; 25 lbs. \$2; 150 lbs. \$10.50.

BONEMEAL. Apply 800 to 1,000 pounds per acre. Made from pure raw bone, without any addition of materials. The ideal bone for rose-beds and greenhouse use. 5 lbs. 45 cts.; 10 lbs. 80 cts.; 100 lbs. \$4; 500 lbs. \$18.50.

HUMUS (Alphano). An excellent article to incorporate with poor soil in the garden or greenhouse, especially desirable for mixing with potting soil. 5 lbs. 25 cts.; 10 lbs. 45 cts.; 25 lbs. 75 cts.; 100 lbs. \$2.25.

LIME. For lawn or field use. Very finely pulverized. Corrects acid soils, also breaks up clay soils. Hydrated, 10 lbs. 25c.; 50 lbs. 75c.; 100 lbs. \$1.50.

NITRATE OF SODA. Apply 100 to 150 pounds per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form, dilute 2 ounces to 1 gallon of water and do not apply oftener than twice a week. 5 lbs. 40 cts.; 10 lbs. 75 cts.; 25 lbs. \$1.35; 50 lbs. \$2.50; 100 lbs. \$3.50; 200 lbs. \$6; 1,000 lbs. \$27; ton \$50.

PEAT MOSS (Torf Mull). Imported, Granulated. A moisture-retaining humus and an aid for saving soil-fertility. It furnishes the needed organic matter which all soils require. For lawns, cover lightly in the spring with Peat Moss and occasionally during the summer, with a heavy covering in the autumn. For roses, dig deeply and incorporate with the soil Peat Moss to the depth of 6 inches, before spading. For the flower-garden, spread evenly from 3 to 6 inches deep a covering

PEAT MOSS, continued

of Peat Moss, mixing well with the soil. For window- or porch-boxes, mix a good proportion of Peat Moss with some rich compost or soil. For the greenhouse, mix Peat Moss with the potting soil. Bale \$5.

PHOSPHATE, HIGH-GRADE. For all vegetable crops, grains, grass, etc. Apply 800 to 1,000 pounds per acre broadcast. 5 lbs. 50 cts.; 10 lbs. 80 cts.; 25 lbs. \$1.25; 50 lbs. \$2.15; 100 lbs. \$3.50.

PLANTABBS. An odorless plant-food in tablet form, for all plants in the house or garden. They dissolve in water almost instantly and make a wonderful liquid fertilizer. Pkg. of 30 tablets 25 cts.; 75 tablets 50 cts.; 200 tablets \$1 (by Parcel Post, \$1.10; 1,000 tablets \$2.75 (by Parcel Post, \$2.85).

SHEEP MANURE. Apply 1,000 pounds per acre. For garden, lawn or greenhouse use, nothing surpasses Sheep Manure; it is clean and easily handled, besides giving immediate results. Prices, f.o.b. Philadelphia. 5 lbs. 35 cts.; 10 lbs. 65 cts.; 25 lbs. \$1.25; 50 lbs. \$2; 100 lbs. \$3.65; 500 lbs. \$17; 1,000 lbs. \$32.50; ton \$62.

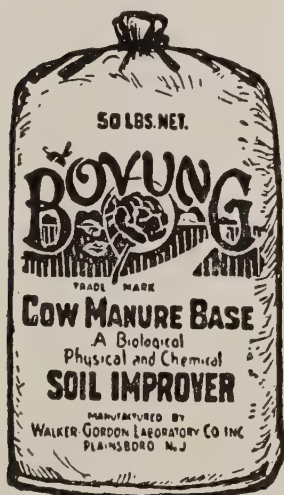
SULPHATE OF ALUMINUM. Especially adapted for fertilizing rhododendrons and other plants requiring an acid soil. 5 lbs. 40 cts.; 10 lbs. 70 cts.; 25 lbs. \$1.25; 100 lbs. \$4.50.

SULPHATE OF AMMONIA. Apply 75 to 100 pounds per acre only with other fertilizers deficient in nitrogen. A valuable fertilizer for all plants in which a large leaf-development or rapid growth is desired; will stimulate growth almost immediately. Also used for top-dressing lawns, producing a thick, velvety growth and discouraging the weeds. Analysis equal to 25 per cent of ammonia. 5 lbs. 50 cts.; 10 lbs. 85 cts.; 25 lbs. \$1.50; 100 lbs. \$4.50.

BOVUNG

BOVUNG is plain, dried cow-manure combining the chemical values of fertilizer with the organic and physical values of manure. It contains all essentials necessary for soil-improvement and vigorous plant-growth. This process of dehydration gives

you a clean, odorless, and concentrated product containing all the fertilizing values of fresh cow-manure. It is absolutely free of live weed seeds. A little goes far, yet it can be used freely without fear of any harmful results.



5 lbs.	\$0 35
10 lbs.	60
25 lbs.	1 25
50 lbs.	2 10

5 lbs. 45 cts.; 10 lbs. 85 cts.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.

A BEAUTY TREATMENT for LAWNS



Here is the complete plant food that has won praise from leading growers of fine lawns and turf. Athletic fields, golf courses, parks . . . Vigoro has proved the right nourishment for grass that must stand up under hard usage. Just the plant food for that lawn of yours. Equally good for flowers, shrubs, trees and vegetable gardens.

Insecticides and Fungicides

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

ANTROL ANT TRAPS. A most convenient method for controlling both grease- and sweet-eating ants. Each 10 cts.

ARSENATE OF LEAD (Dry Powder Form). The more popular form, owing to its economical ways of being applied (can be used either as dusting powder or diluted in water). 1 to 2 lbs. per acre. Dilute in water. Lb. 30 cts.; 3 lbs. 75 cts.; 24 lbs. \$5.50.

BLACK-LEAF 40. A concentrated nicotine spray for all sucking insects. Oz. 35 cts.; 5 ozs. \$1.05; lb. \$2.50; 2 lbs. \$3.70; 5 lbs. \$6.90.

BORDEAUX MIXTURE (Powdered). Used same as Bordeaux Mixture Paste or Liquid. Also used for dry dusting. Dilute 1 lb. to 8 gals. of water. Lb. 30 cts.; 4 lbs. \$1; 10 lbs. \$2.

COPPER HYDRO BORDO. A fungicide superior to Bordeaux Mixture. Lb. 35 cts.; 4 lbs. \$1.

DOGZOFF. A liquid that when sprayed upon your foliage plants will give protection from dogs. 4-oz. bottle 60 cts.

FUMOGEN. Repels dogs, cats, ants, snails, slugs, sowbugs, and centipedes. 8-oz. shaker can 50 cts.

GO-WEST. For the control of cutworms, snails, slugs, etc.; non-injurious to vegetation. Lb. 50 cts.; 10 lbs. \$4.

LEMON OIL INSECTICIDE. Used by nearly all the leading growers. It effectually destroys mealy bug, scale, thrip and red spider. ½pt. 35 cts.; pt. 60 cts.; qt. \$1.

LIME-SULFUR (Dry Powdered). The most efficient form of this highly celebrated spraying compound. Dissolves instantly in cold or hot water. Use at rate of 10 pounds to 50 gallons of water. Lb. 35 cts.; 5 lbs. \$1.50.

NICOFUME PAPER. For fumigating greenhouses, conservatories, etc. Per box of 24 sheets, \$1.50; 144 sheets, \$4.75; 288 sheets, \$8.50.

NICOFUME TOBACCO POWDER (*Fumigator*). A 12½ per cent nicotine fumigator for greenhouse use; burns efficiently and dispenses dense fumes of nicotine; complete with directions in each can. Lb. \$1.25; 5 lbs. \$3.50; 10 lbs. \$6.25.

NICOTINE-PYROX. A general spray for all eating insects and fungous troubles. One pound makes 5 gallons of spray material. 20 ozs. 60 cts.; 5 lbs. \$2.

PARIS GREEN. Applied as a powder it should be mixed with plaster or flour, 100 parts to 1 part of Paris Green; in solution, mix 1 pound to 100 gallons of water. ¼lb. 20 cts.; lb. 60 cts.; 14 lbs. \$6.75.

PARA-SCALECIDE. A remedy for peach tree borers. Directions with each package. Qt. 75 cts.

RED ARROW INSECT SPRAY. A non-poisonous, efficient insecticide for use against sucking and chewing insects, such as Mexican bean beetles, Japanese beetles, rose chafers, aphids (plant lice), leaf hoppers, etc. Oz. 35 cts.; 4 ozs. \$1.

ROOTONE. The plant hormone powder. Insures better flowers by providing better roots. Dust your seeds, bulbs and cuttings before planting with Rootone. 2-oz. jar \$1.

SCALECIDE. Used for the destruction of the San Jose scale. Dilute at the rate of 1 gallon Scalecide to 20 gallons water. Scalecide does not clog nozzles, hose, or pump, and is pleasant to use. Spray when the trees are dormant. Qt. 75 cts.; gal. \$1.75; 5 gals. \$6.35; 10 gals. \$10.90; 30 gals. \$23.75; 50 gals. \$32.90.

SLUG-SHOT. For destroying slugs, currant worms, cabbage worms, and all of the soft-shelled insects which trouble vegetation. Lb. 35 cts.; 5 lbs. \$1.20.

SUNOCO SPRAY OIL. For the control of scale insects, red spider, aphid, thrip, etc. Cheap, effective, and pleasant to handle. Gal. \$1.35.

TOBACCO DUST, FINE. For green and black aphid, flea-beetles, etc. Splendid fertilizer and preventive for insects in the ground and around roots. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. \$1.15; 50 lbs. \$2; 100 lbs. \$3.75.

TREE TANGLEFOOT. An absolute safeguard against all creeping insects on trees. Apply with paddle, making a band around the trees 3 inches wide. 6 ozs. 45 cts.; lb. 80 cts.; 5 lbs. \$3.75.

FISH-OIL SOAP (WHALE-OIL SOAP). An excellent wash for trees and plants where insects and eggs affect the bark. Lb. 35 cts.

TRI-OGEN. The all-purpose spray. Fungicide—Insecticide—Plant Stimulant. Complete protection against plant insects and diseases. Mildew and black-spot easily controlled with this spray treatment. Small kit (makes 16 qts.) \$1.50; medium kit (makes 64 qts.) \$4; large kit (makes 32 gals.) \$6; estate kit (makes 128 gals.) \$20.

WEED KILLER. The method of killing weeds thoroughly by application of this liquid has become general. Used only on paths, drives, gutters, and places where no growth is wanted. One gallon makes 40 gallons of treating liquid. Qt. 70 cts.; gal. \$2.



SEMESAN

To destroy fungous growth or spores of bacterial blights, rots, or rusts, all seeds should be dusted with or soaked in a solution of it before planting.

2 ozs. \$0 40
12 ozs. 1 90



Soy Beans
Size Price each
2 bus. \$0 30
5 bus. 55
25 bus. 2 50
30 bus. 3 25

Alfalfa and All Clovers

Size Price each
1 bus. \$0 50
2½ bus. 1 00

Peas and Vetch

100 lbs. \$0 50

Lima Beans

1 bus. \$0 30
5 bus. 55

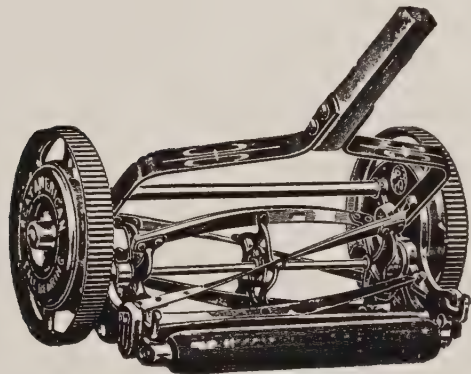
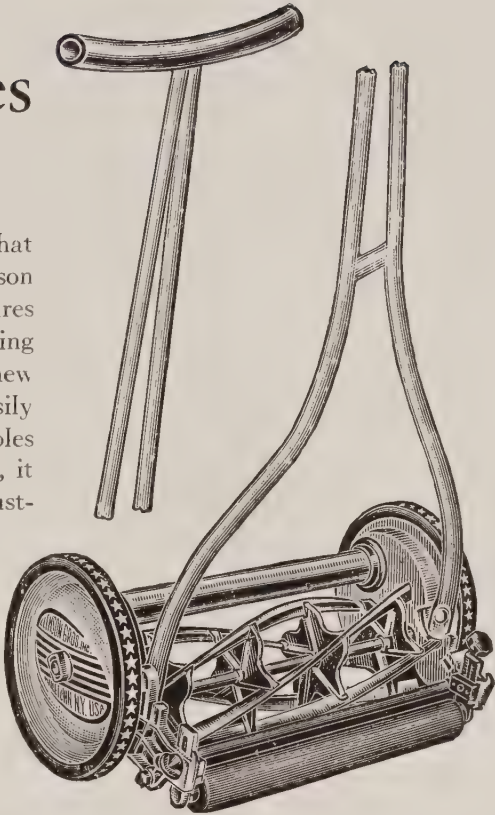
ABBOTT & COBB
Philadelphia, Pa.

Lawn Mowers and Supplies

The Clemson Model C-17 Precision Lawn Mower

We are more than pleased to be able to offer our customers what we believe to be the finest Lawn Mower ever invented. The Clemson is a precision grass-cutting machine that has so many unique features we are unable to point them all out to you here. With its lasting chrome plate and baked-on enamel finish it is as attractive as a new automobile. It has a one-piece indestructible metal handle, easily detached. It has roller, ball, and oilless bearings with no oil-holes or grease-cups and, no lubrication being required during its life, it is the easiest machine in the world to take care of. Even the adjustments are operated by hand, so that not even a wrench is required. The five blades are high carbon alloy steel forged to exact shape and heat-treated to correct hardness. It weighs but 32 pounds, has a width of cut of 17 inches, and works so easily that it hardly seems real.

What a Lawn Mower! Price \$32.



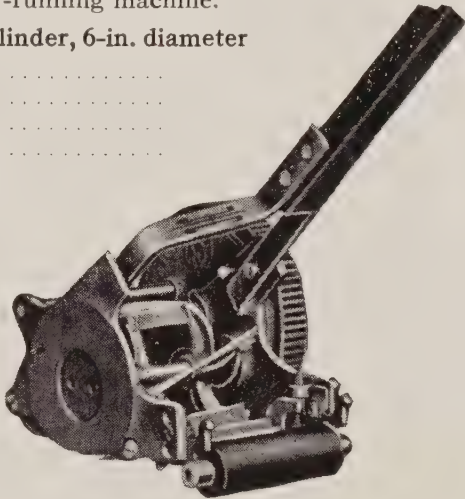
Super Great American Ball-Bearing Lawn Mower

Super Great American Ball-Bearing Lawn Mower

A high-class machine at a medium price. It is regarded as the best all-round Mower of its type. The perfectly fitting ball cups and cones insure an easy-running machine.

10-in. wheels, 5-blade cylinder, 6-in. diameter

15-in.
17-in.
19-in.
21-in.

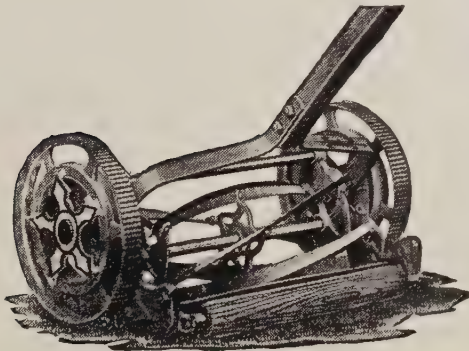


Pennsylvania Undercut Lawn Trimmer

Pennsylvania Undercut Lawn Trimmer

The unique construction of the Undercut Trimmer permits cutting not only close to a wall, fence, tree, etc., but it will get the grass under a fence or rock, cut at base of tombstones, house-foundations, and other places hitherto out of reach of anything but hand-shears. The slanting side-plate and conical cylinder make it possible to cut all grass which the regular Lawn Mower will not reach. Ball-bearing, with 9½-inch drive-wheel; 4-blade cylinder.

Pennsylvania Klifton Ball-Bearing Mower



Pennsylvania Klifton Ball-Bearing Mower

A quality Mower at a low price. Known everywhere for its high-grade products. The Mower is well built; all parts accurately fitted, and will cut many miles of the household lawn before it requires any servicing. Pushes easily and cuts cleanly, leaving a nice smooth finish to the lawn.

LOW WHEEL

12-in.
14-in.
16-in.

HIGH WHEEL

14-in.
16-in.
18-in.

WRITE FOR PRICES ON ABOVE ITEMS

ABBOTT & COBB
Philadelphia, Pa.

PLANET JR. TOOLS

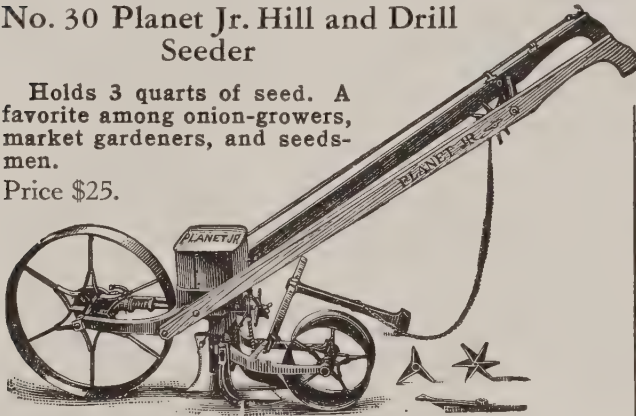
72-page Planet Jr. Catalogue free. Describes 70 tools. Includes Seeders, Wheel Hoes, Horse Hoes, Harrows, Orchard and Beet Cultivators. Write postal for it.

Planet Jr. Tools save time, lighten labor, and get bigger, better crops at less cost. Designed by a practical farmer and manufacturer with over forty years' experience. Last a lifetime. Fully guaranteed.

No. 30 Planet Jr. Hill and Drill Seeder

Holds 3 quarts of seed. A favorite among onion-growers, market gardeners, and seedsmen.

Price \$25.



Sows accurately in large or small quantities in drills in a narrow line, making wheel-hoe cultivation easy, or in hills, 4, 6, 8, 12, or 24 inches apart. Force feed.

The flow of seed is instantly started or stopped by the cut-off rod. No seed wasted at end of rows.

No. 17 Planet Jr. Single Wheel Hoe

Steel frame and wheel



The highest type of Single Wheel Hoe made. Light, but strong, and can be used by man, woman, or boy. Will do all the cultivation in your garden and in the best, easiest, quickest way. Price \$9.85.

No. 119 Garden Plow and Cultivator

Price \$4.50.



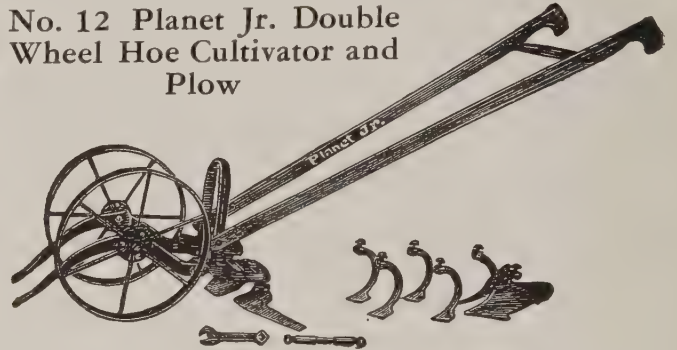
A new tool for those who prefer the extra-high wheel on their garden Cultivator. The wheel is 24 inches high, and has a 1½-inch rim; has a complete set of cultivating tools—plow, narrow and wide cultivator teeth, three-prong tooth, and scuffle hoe for weed cutting. Handles have plow-handle grips. A well-made, substantial tool at an attractive price.



Planet Jr. Edger No. 2

The Planet Jr. Grass Edger assists wonderfully in producing an attractive walk. Price \$1.90 (mailing weight 4 lbs.). Postage extra.

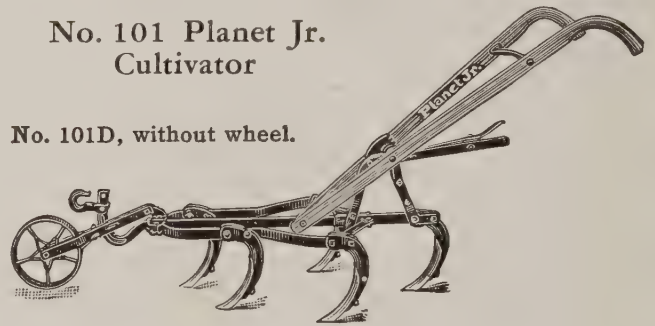
No. 12 Planet Jr. Double Wheel Hoe Cultivator and Plow



A Single and Double Wheel Hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world. Price \$14.25.

No. 101 Planet Jr. Cultivator

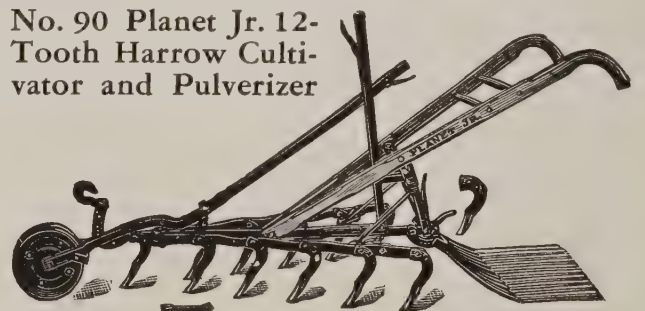
No. 101D, without wheel.



A new and improved Cultivator sold at a low price. Stop in to see it. It will please you.

No. 101.....	\$11 85
No. 101D.....	10 45

No. 90 Planet Jr. 12-Tooth Harrow Cultivator and Pulverizer



Complete with steel wheel.
No. 90B (without pulverizer).

This tool has become a special favorite with strawberry, tobacco, and sugar-beet growers, market gardeners, truckers, and farmers, because of its 12 chisel-shaped teeth. The teeth and pulverizer leave the ground in fine condition. Depth can be regulated instantly. Cultivates any width from 12 to 32 inches. Handles adjust up, down, and sidewise, saving hands and clothes.

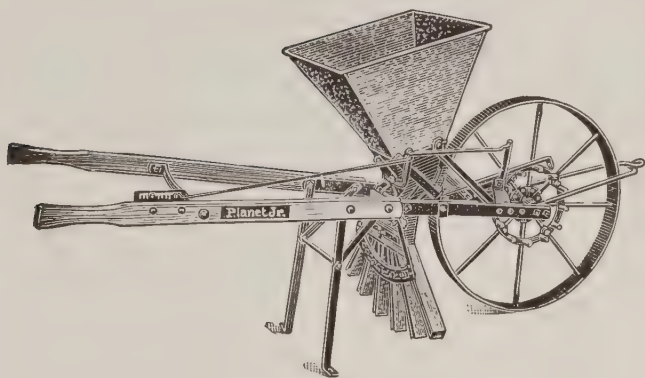
No. 90.....	\$20 35
No. 90B.....	17 00

Planet Jr. Seed Attachment No. 35

For hotbed or greenhouse work. Can also be attached to the No. 119 Wheel Hoe or all Single and Double Wheel Hoes. Price \$6.50.

ABBOTT & COBB
Philadelphia, Pa.

Miscellaneous Supplies



No. 220 Planet Jr. Fertilizer Distributor

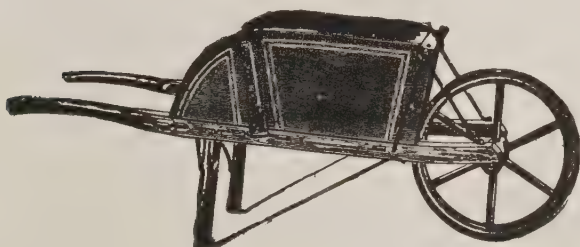
A thoroughly practical, well-built implement for distributing fertilizer evenly and thoroughly. It will handle 100 to 2,000 pounds per acre and can be adjusted to fertilize rows as close as 9 inches or as far apart as 4 feet. The economy in material and the saving in labor makes Planet Jr. No. 220 Fertilizer Distributor a profitable investment for every market gardener or farmer. Price \$34.65.



Broadcast Seed Sower

For accurately sowing timothy, clovers, millets and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre.

Each Cyclone.....\$3 25



Farm and Garden Wheelbarrows

One of the most useful articles on the list of garden and lawn tools. Materials are selected oak mortised and bolted together, strengthened with six iron braces, made substantial, light and for long service. Wheels are 3-inch tread.

No.	Tire in.	Length in.	Width in.	Width in.	
1	2¾	30	12	25.....	} Write for Prices
2	2¾	28	12	24.....	
3	2¾	26	12	22.....	

No. 210 Perfection Sprayer



No. 210G Perfection. Galvanized Tank, 4 gallon capacity.....\$8 30

No. 235G Climax. Galvanized Tank, 2½ gallon capacity..... 6 85

Sprayer equipped with aphid nozzle to easily reach the under sides of leaves. Highest pressure compressed air Sprayer made.

Keystone Water Ballast Rollers

Fill with water, which will weight it to any desired number of pounds, as shown below. Equipped with a device for keeping handles stationary.



No.	Sections	Diam. in.	Lgth. in.	Wt. empty	Wt. filled	
601	1	14	24	60	250.....	} Write for Prices
602	1	18	24	85	330.....	
603	1	24	24	100	440.....	
604	1	24	32	135	590.....	

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QUANTITY OF SEEDS REQUIRED TO SOW A SINGLE ROW OF 100 YARDS

Asparagus.....	8 oz.	Eggplant.....	1 oz.	Parsley.....	2 oz.
Beans, Bush.....	6 lbs.	Endive.....	2 oz.	Peas.....	6 lbs.
Beans, Pole.....	3 lbs.	Leek.....	2 oz.	Pepper.....	1 oz.
Beets.....	5 oz.	Lettuce.....	2 oz.	Pumpkin.....	2 oz.
Cabbage.....	2 oz.	Melon, Water.....	3 oz.	Radish.....	6 oz.
Carrot.....	3 oz.	Melon, Citron.....	2 oz.	Salsify.....	4 oz.
Cauliflower.....	1/2 oz.	Okra.....	12 oz.	Spinach.....	6 oz.
Chinese Cabbage.....	2 oz.	Onion for Sets.....	8 oz.	Squash.....	3 oz.
Celery.....	3 oz.	Onion for Large Bulbs.....	2 oz.	Tomato.....	1 oz.
Corn.....	1 lb.	Parsnip.....	3 oz.	Turnip.....	3 oz.
Cucumber.....	4 oz.				

GRASS SEEDS TO THE ACRE

Red Clover.....	10 to 15 lbs.	Crimson Clover.....	12 to 15 lbs.	Rye Grass.....	1 1/2 to 2 bus.
White Clover (Dutch).....	10 lbs.	Timothy.....	12 lbs.	Orchard Grass.....	1 1/2 to 2 bus.
Alfalfa or Lucerne.....	20 lbs.	Hungarian Grass.....	1 bus.	Redtop Grass.....	1 1/2 to 2 bus.
Alsike Clover.....	12 lbs.	Pasture Grass.....	2 1/2 to 3 bus.	Mixed Lawn Grass.....	5 bus.
Sweet Clover.....	25 lbs.	Blue Grass.....	2 to 3 bus.	Millet.....	1 bus.

QUANTITY OF SEEDS USUALLY SOWN UPON AN ACRE

Barley, broadcast.....	2 to 3 bus.	Lettuce.....	3 lbs.	Rye, broadcast.....	1 3/4 to 2 bus.
Beans, Dwarf, in drills.....	1 1/2 bus.	Melon, Musk, in hills.....	2 to 3 lbs.	Sage, in drills.....	8 to 10 lbs.
Beans, Pole, in hills.....	10 to 12 qts.	Melon, Water, in hills.....	4 to 5 lbs.	Salsify, in drills.....	8 to 10 lbs.
Beets, in drills.....	5 to 6 lbs.	Mustard, broadcast.....	1/2 bus.	Spinach, in drills.....	10 to 12 lbs.
Broom Corn, in hills.....	8 to 10 qts.	Oats, broadcast.....	2 to 3 bus.	Squash, Bush, in hills.....	4 to 6 lbs.
Buckwheat.....	1 bus.	Onions, in drills.....	5 to 6 lbs.	Squash, Running, in hills.....	3 to 4 lbs.
Cabbage, in beds, to trans- plant.....	1/4 lb.	Onion Sets, in drills.....	6 to 12 bus.	Sudan Grass, broadcast.....	16 to 24 lbs.
Carrots, in drills.....	3 to 4 lbs.	Onion Seeds, in drills.....	6 to 12 lbs.	Sudan Grass, in rows.....	2 to 3 lbs.
Corn, in hills.....	8 to 10 qts.	Parsnips, in drills.....	4 to 6 lbs.	Sugar-Cane or Sorghum.....	10 to 12 lbs.
Corn, for fodder.....	3 bus.	Peas, in drills.....	1 1/2 bus.	Tomato, to transplant.....	1/4 lb.
Cowpeas.....	1 1/2 to 2 bus.	Peas, broadcast.....	3 bus.	Turnip, in drills.....	1/2 to 2 lbs.
Cucumber, in hills.....	2 lbs.	Potatoes, cut tubers.....	10 bus.	Turnip, broadcast.....	3 to 4 lbs.
Flax, broadcast.....	1 1/2 bus.	Pumpkins, in hills.....	4 to 6 lbs.	Vetches, broadcast.....	30 lbs.
		Radish, in drills.....	8 to 10 lbs.	Wheat, broadcast.....	1 1/2 to 2 bus.

[illegible]

Order Abbott & Cobb Specialties early, before these stocks are sold out

BEET. Crosby's Egyptian (Special).
 CARROT. Danvers Half-Long (Special).
 CARROT. Red-Core Chantenay.
 CARROT. New Nantes.
 CAULIFLOWER. Improved Snowball.
 CELERY. Early Fortune.
 CELERY. Easy-blanching Pascal.
 CELERY. Full-Heart Easy-blanching.
 CELERY. Special No. 763.
 CELERY. Golden No. 14.
 CELERY. Improved Pascal.
 CUCUMBER. A. & C.
 CUCUMBER. Abco.
 ENDIVE. Florida Deep Heart (Escarolle).
 ENDIVE. Large Green Curled White-Ribbed.
 LETTUCE. Iceberg No. 127.
 LETTUCE. White Big Boston (Special).
 MUSKMELON. A. & C.
 ONION. Michigan Globe.
 PARSNIP. New No. 10.
 RADISH. Scarlet Globe.
 SPINACH. Long-standing Bloomsdale.
 SQUASH. Boston Marrow.
 TOMATO. Improved Marglobe.
 TOMATO. Spring Garden.
 TOMATO. Improved Grothen Globe.
 TOMATO. Improved Rutgers.

PARCEL POST RATES

WEIGHT LIMIT. The weight limit within the first, second, and third zones is now 70 pounds, and within all other zones 50 pounds. Shipments of 20 pounds or over are cheaper if sent by express beyond the second zone.

DOMESTIC PARCEL POST RATES

Within the United States and Possessions		First pound or fraction	Each additional pound or fraction
First zone, within 50 miles of Philadelphia.....	9 cts.		1 ct.
Second zone, within 50 to 150 miles of Philadelphia.....	9 cts.		1 ct.
Third zone, within 150 to 300 miles of Philadelphia.....	10 cts.		2 cts.
Fourth zone, within 300 to 600 miles of Philadelphia.....	11 cts.		4 cts.
Fifth zone, within 600 to 1,000 miles of Philadelphia.....	12 cts.		6 cts.
Sixth zone, within 1,000 to 1,400 miles of Philadelphia.....	13 cts.		8 cts.
Seventh zone, within 1,400 to 1,800 miles of Philadelphia.....	15 cts.		10 cts.
Eighth zone, all over 1,800 miles of Philadelphia.....	16 cts.		12 cts.

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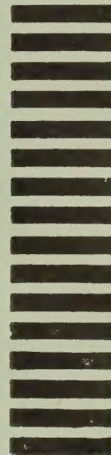
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ABBOTT & COBB

4744-46 Frankford Avenue

Frankford, Philadelphia, 24, Pa.



TOMATO Spring Garden

Bucks County Type Purple-Top Yellow Globe Rutabaga



Above is a field scene on our own Farms of our 1945 crop of the famous Bucks County Type Purple-Top Yellow Globe Rutabaga, grown for seed purposes. Note the exceptionally strong growth.



On the left you will note a half bushel of this special strain of Rutabaga grown to a suitable size for markets that require the medium size Rutabaga. On the right you will see a half bushel grown much larger. A better idea of the size will be had by observing the number of Rutabagas on top of the half bushel. Note how well they have held their shape at this size.



SEEDS

"Nature's Best"

1947



Above is a very fancy Howard Crate of Early Fortune Celery produced in Florida. Note this true strain. The seed is produced on our own Farm where the stock is given careful attention

ABBOTT & COBB

4744-46 Frankford Ave. . FRANKFORD, PHILADELPHIA 24, PA.

Phone: JEFFERSON 5-1907